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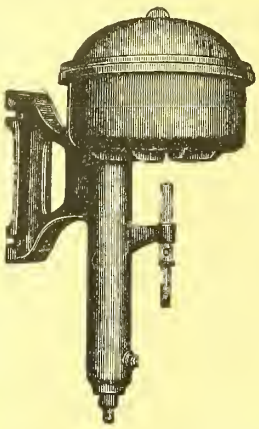

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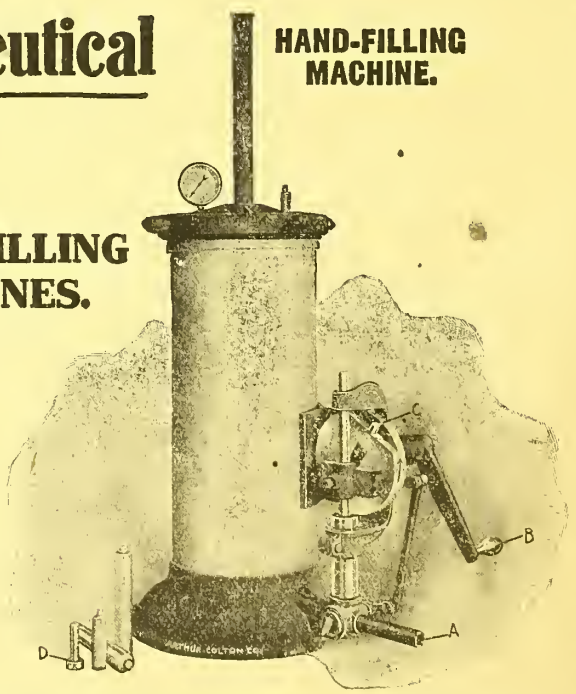

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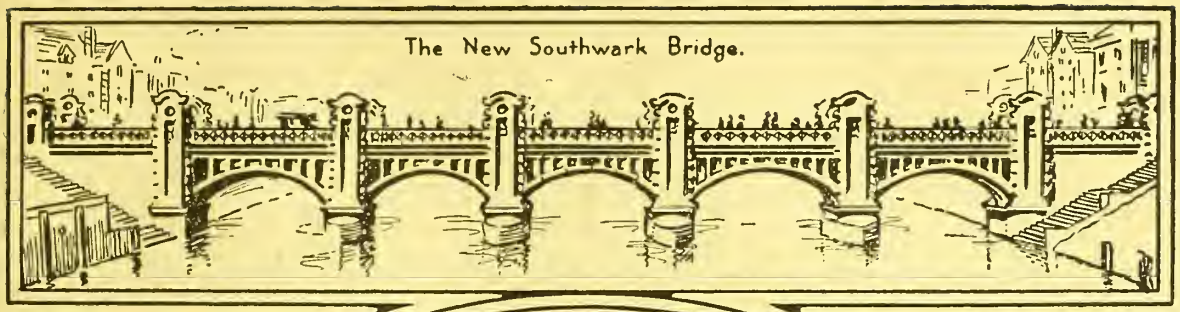

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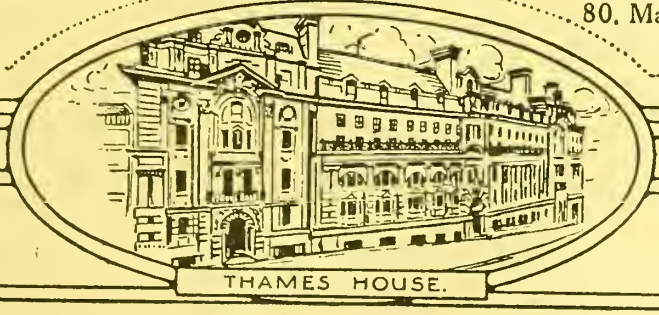

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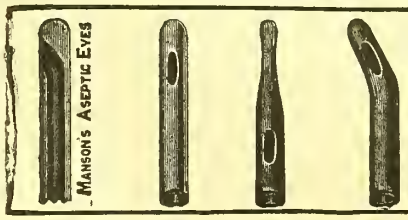

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Works—HELMET COURT, BISHOPSGATE, E.C.

Warehouses & Stores—91 & 93 BISHOPSGATE, and 12 WORMWOOD ST., E.C.

Telephones: LONDON WALL, 6597 and 6598. Telegrams: "WAXINESS, LED, LONDON."

We offer

WAXES

—

PETRO. JELLY

—

LIQUID PARAFFIN B.P.

—

WHITE OILS

—

Send us your inquiries.

J. J. FRANSES & SONS, LIMITED,

80a Southwark St., LONDON, S.E. 1.

SPECIAL NOTICE

TO THE

TRADE.

Owing to the shortage of tinplate and cardboard, and the increased cost of raw materials, we are compelled to make changes in the packing and price of

FUMO-TARACINE

In future the Retail Selling Prices will be as follows:

2 oz. size, **1/4½**; 4 oz. size, **2/3**; 16 oz. size, **6/3**
(Inclusive of Free Vaporizer).

For the benefit, however, of customers who have secured a Free Vaporizer with their first bottle and do not require a second, we are supplying FUMO-TARACINE at:

2 oz. size, **1/1½**; 4 oz. size, **2/-**; 16 oz. size, **6/-**
(Without Vaporizer).

The TRADE DISCOUNT WILL REMAIN AS AT PRESENT, thus showing a slightly increased profit. Orders received from this date will be subject to the alterations above.

FOR MEASLES and WHOOPING COUGH. } **FUMO-TARACINE** THE VAPORIFIC CURE.

THE

COAL BY-PRODUCTS CO.

112 High Holborn - LONDON, W.C. 1.

Telegrams: "Cobyproco, Westcent, London."

TELEPHONE: CITY 7 PRIVATE BRANCH EXCHANGE
TELEGRAMS: ELEVEN CENT LONDON

S·MAW·SON·&·SONS LTD
7/12 ALDERSGATE STREET
LONDON
ENGLAND

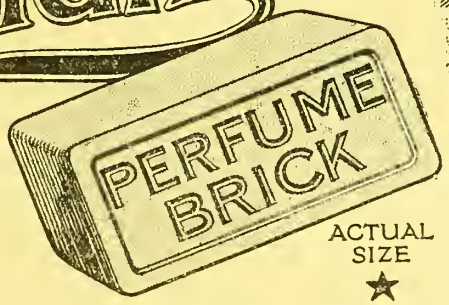
CABLES: ELEVEN LONDON
CODE: A:B:C 4TH & 5TH EDITION

Maw's Page.

NUMBER 344. MAY 18, 1918

You should be selling the latest toilet novelty:

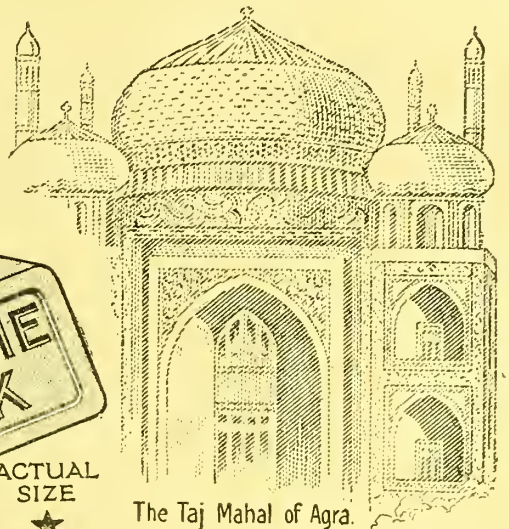
MAW'S Indian



ACTUAL SIZE

At a time when our Far Eastern Empire, in common with other possessions, has given its best towards the fight against the Central Powers, these Indian Perfume Bricks form a pleasing and useful little novelty of which any patriotic woman would be proud. These bricks are composed of choice Indian spices, and will retain their delightful fragrance indefinitely. They are also a preventive against moths. Put up in boxes of twelve neat blocks.

PRICE
4/-
BOX *of* 1 DOZEN.



The Taj Mahal of Agra.

The above illustration is beautifully reproduced in colours on the inside lid of Maw's Indian Perfume Brick Box; the latter also bears the retail price of 6d.
A box of these bricks displayed on your counter will undoubtedly result in good business.

PRICES.

	Per Doz.
Thin Bunion Plasters	2/9
Thick ,, ,,	3/-
Thin Corn Plasters	2/-
Thick ,, ,,	2/6

These can be supplied in the well-known original green boxes, or in the new improved labelled boxes, in blue, yellow and white combination.

HOURS OF BUSINESS: 8.30 a.m.—5.30 p.m. CLOSE AT 1 p.m. SATURDAYS.

Harringtons

(HYGIENIC)

Infant Specialities

Approved by over 3,000 Nurses.

HARRINGTONS SQUARES

In packets of 1 doz.
Retail, **13/9** per Packet. To Chemists, **10/3** Net.
The Ideal Absorbent Diapers for the Nursery. Easily washed.

HARRINGTONS "FACE TOWELS"

In packets of 1 doz.
Retail, **10/6** per Packet. To Chemists, **7/10** Net.
Made of the Harrington Gauze. Delightful in use.

HARRINGTONS "BATH TOWELS"

Retail, **2/9** each. Per doz., **24/-** Net.
So Soft and Cosy. Ideal for "Baby" after its bath.

Widely Advertised to the Public as sold by Chemists.

ATTRACTIVE SHOWCARDS.

SOLE WHOLESALE AGENTS:

F. NEWBERY & SONS, LTD.

LONDON, E.C. 1.

MAGNUS, MABEE & REYNARD, Inc.

NEW YORK, U.S.A.

IMPORTERS—MANUFACTURERS—EXPORTERS

ESSENTIAL OILS, DRUGS & CHEMICALS,

SYNTHETICS,

VANILLIN, COUMARIN, HELIOTROPINE

We Offer

LIQUID STYRAX (Not U.S.P.)

CHLOROPHYLL (Alcohol & Oil Sol.)

OIL PEPPERMINT (Mohawk)

OIL SPEARMINT (Mohawk)

LIME JUICE, CLARIFIED
(Dominican)

Samples and Prices on Request.
Write for Latest Catalogue.

10d.

Make your old Hat a new one.

In bottles, 10d. each, in separate neat cartons, with suitable brush.

These Dyes are a distinct invention, dyeing the straw without an objectionable varnished appearance, and producing the effect of new goods.

NO GLOSS. NO POLISH.

On the P.A.T.A.

WRITE FOR TERMS, PATTERNS, ALSO LEAFLET OF TESTIMONIALS.

"Luton" HAT DYE

WHITAKER & CO., COLOUR WORKS, KENDAL, ENG.

London Depot; 60-62 Clerkenwell Road, E.C.

"Glossy" Series supplied if desired.

Special Non-Inflammable Series for Export. *Est. 1878*

Telegraphic Address: "Dullette Kendal." Telephone: No. 214.

Advertising that assists YOU!

THROUGH the press, MOVOL has gained public confidence. Housewives are still being told about it. Some have yet to learn its wonderful power of making Iron-mould, Ink and Fruit stains disappear, and *all* are told that

TRADE MARK. **MOVOL** Regd

can be bought from Chemists everywhere. Have you got your stock displayed and are you reaping the profits?

Mail a P.C. for trial stock and display material to

W. EDGE & SONS, Ltd.
BOLTON, LANCS.
(The Drummer Dye People.)

LABORATORY
OF GENERAL PHARMACOLOGY,
8, Rue Vivienne, Paris.

LONDON AGENTS :
WILCOX, JOZEAU & Co., 49, Haymarket, S. W.

CHAPOTEAUT'S CAPSULES of
PHOSPHOGLYCERATE of LIME.
THE BEST TONIC FOR FORTIFYING AND BUILDING UP THE NERVOUS SYSTEM.
Sold by all Chemists.
Wholesale: 8, Rue Vivienne. PARIS.

MORRHUOL CHAPOTEAUT

CAPSULES
MORRHUOL DE CHAPOTEAUT is extracted from cod-liver oil, and contains all its efficacious properties without the disagreeable taste.
It cures Coughs, Bronchitis and Catarrh, restores the appetite, and gives force to feeble persons.
SOLD BY ALL DRUGGISTS.

CHANDRON'S DROPS
(Gouttes des Colonies)
A harmless antiseptic preventative against CHOLERA· FERMENTATION - INDIGESTION & other intestinal disturbances.
SOLD BY ALL CHEMISTS

LONDON AGENTS
HEPPELL & CO., 164, Piccadilly, W.

I apologise—

for the delay in the delivery of

ANZORA CREAM and Anzora Viola

to many of my customers.

The demand has developed to such an enormous extent during the last few months that my premises have been outgrown, but I have been fortunate in obtaining further accommodation and look for ward to bringing delivery up to date very shortly.

I thank you for the way in which you have fostered the sales of Anzora Cream and Anzora Viola, the preparations that effectually

Master the Hair

Charles Sinclair Lewis Proprietor

ANZORA PERFUMERY CO.
28, 32, 34 Willesden Lane, London, N.W. 6.

TITTERTON'S CELEBRATED HAIR BRUSHES

GOOD PROFITS are made by selling **TITTERTON'S CELEBRATED BRUSHES** *(Hair, Tooth, Nail & Shaving Brushes).*

They have a world-wide reputation for excellence of quality, and perfection of workmanship. Should be stocked by all Chemists desiring to give the public the best value for money.

TITTERTON & HOWARD,
Brush Manufacturers,
9 & 10 Great Titchfield St., London, W

"LESCOL" FLORAL PERFUMES

NOTICE !

We strongly advise Chemists before purchasing their Toilet Specialities to send us particulars of their requirements, and complete Price List will be sent, or one of our representatives will call with full set of samples when in their vicinity.

We are holding a large stock at remunerative prices

LESCOL PERFUMERY CO., Lomond Grove, Camberwell Green, LONDON, S.E. 5.

Telephone: 810 HOP. (Proprietors: The London Essence Co.) Telegrams: "VANILLIN, CAMBER, LONDON."

1868 to 1918.

"Reach with your whiter hands to me some crystal of the spring."—*Herrick.*

To really enjoy a Bath

Put one of Ayrton's Bath Tablets into the water. A delicious odour at once pervades the bathroom. Soap lathers easily in the softened water, and you rise out of the bath with a wonderfully brisk and fresh feeling—such is the tonic effect of these very delightful Tablets.

AYRTON'S BATH TABLETS

each Tablet in a neat Carton; one dozen Cartons in a Show Carton.

Retail - - - - - -	per carton of 12 Tablets (Single Tablets 2d. each)	**1/6**
Wholesale - - - - -	per dozen Cartons -	**10/-**

WASHING GLOVES

When displaying the Tablets we suggest you show some Washing Gloves. Here is a range that will suit any district:—

	Per Dozen Pairs
The 'Dorothy,' White Terry - - - -	**2/6**
The 'Sylvia,' „ „ heavier quality - -	**4/6**
The 'Lilly,' Fancy Colored Terry - - - -	**5/-**
The 'Florence,' Best White Terry with red stripe - -	**8/-**
The 'May,' Fancy Colored Terry - - - -	**9/-**

THESE GLOVES ARE OUR OWN MANUFACTURE.

We would like you to try AYRTON'S BATH TABLETS because you would then be keener on recommending them. May we post you a sample to test.

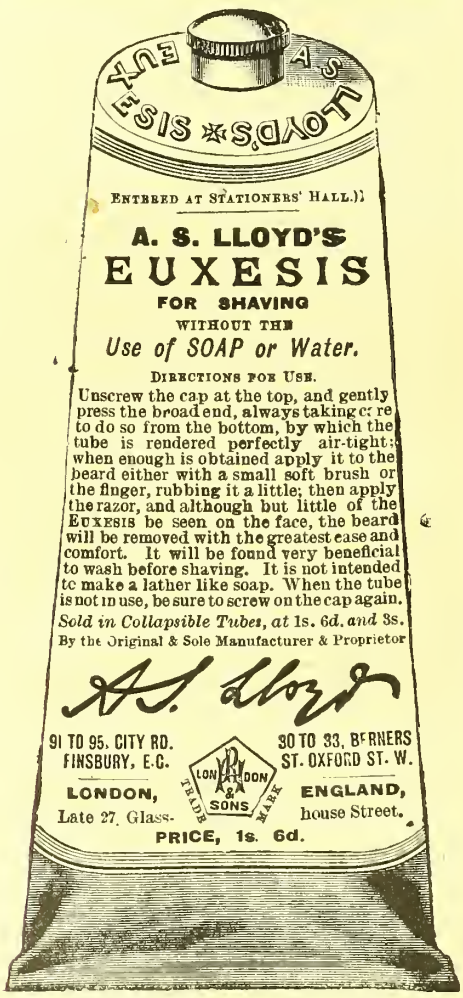
AYRTON, SAUNDERS & CO. LTD.

Wholesale Druggists **LIVERPOOL**

A. S. LLOYD'S EUXESIS

(THE GENUINE.)

For Shaving without Soap, Water or Brush.



Sold by all Perfumers and Chemists throughout the World.

R. HOVENDEN & SONS having purchased, under an administration suit, the Business of the late A. S. LLOYD, with the Receipt, Trade-mark, and Goodwill of the celebrated Euxesis, the Trade are cautioned that the original and genuine Euxesis is now manufactured at our Factory ONLY, and may be obtained at either of our Warehouses at the following prices:

10/6 *per dozen;* **10/3** *by the 6 dozen.*
Retails at **1/6** *per tube;* **3/-** *size to order.*

NOTICE.—THE GENUINE A. S. LLOYD'S EUXESIS bears a label printed in BLACK only on a Yellow ground, with our Trade Mark at the bottom, as Illustration.

Proprietors: R. HOVENDEN & SONS, LTD.,
LONDON: 29-33 Berners Street, W.; and 89-95 City Road, E.C.

Salvo Petrolia

the perfection of Petroleum Jelly

in qualities, white, lemon, yellow and golden, for pharmaceutical purposes.

MANUFACTURED SOLELY BY

The Dee Oil Company, Ltd.

Delta Works . Bootle . Liverpool.

Packed in barrels, kegs, and smaller packages according to requirements.

Inquiries are solicited for this article of **BRITISH MANUFACTURE,** and buyers may rely that for quality and price it will meet any competition.

Other Grades

Petroleum Jellies, White Bases, &c.

Samples and prices on application.

"OLEUM DEELINÆ," a certain cure for Eczema.

'Phone: 186 Bootle. Wires: "Cestrian Liverpool."

FOR LARGE BUYERS.

BRILLIANTINES

Bulk or Packed.

Also Vanishing Creams, Toilet Paraffins, Lime Creams, Pomade Hongroise, Tooth Powders, Dental Creams, Shampoo Powders, and All Toilet Goods.

LOW PRICES for HIGH QUALITY.

STOKES & CO., Ltd.

Manufacturing Chemists and Perfumers,
31-35 Lower Castle, BRISTOL.

(2)

A. S. LLOYD'S EUXESIS.

For Shaving without Soap, Water, or Brush.

CAUTION.

The Labels on GENUINE EUXESIS bear two signatures—
A. S. Lloyd in Black Ink, and that of his Widow,
Aimée Lloyd, in RED. Refuse any other.

Sole Manufacturers and Proprietors: **AIMÉE LLOYD & CO.**

23 PANTON STREET (formerly named Spur Street),
HAYMARKET, LONDON, S.W.

N.B.—When ordering from Wholesale Houses write LLOYD'S EUXESIS (WIDOW'S).

THE WORLD'S KEENEST BUYERS
and Business men know the value and importance of stocking an article appealing especially to Woman, the great spending factor of this country.

The EVAN WILLIAMS' ORIGINAL HENNA SHAMPOO, through the perfection of its manufacture, is recognised as the standard of Henna quality. It is to be found in every successful establishment because it unfailingly attracts the best class of buyer wherever it is shown.

Our large Advertising Campaign is now in full swing. This has been so arranged to create a demand for our Retailers, and it will pay you to secure your stock without delay. Remember, EVAN WILLIAMS' HENNA SHAMPOO is a proposition which sells itself wherever shown.

Write TO-DAY for full particulars of our Special Discount Offer.

Our supplies having been RATIONED, we are compelled to make the acceptance of orders subject to the condition that, should we be unable to execute an order in its entirety, customers will accept a proportionate distribution of available stocks.

THE EVAN WILLIAMS CO. Ltd., 18 & 18a Ogle Street, Foley St., LONDON, W.1.

(1)

ERASMIC SOAPS

OWING to the enormous number of orders we have on hand, and to the present-day conditions of manufacture, we strongly advise our customers to order their requirements of our "Peerless" and "Elite" Erasmic Soaps and Shaving Sticks at least two months ahead.

All orders are subject to the prices ruling at the date of dispatch, customers having the option of cancellation.

Erasmic, Perfumers – Warrington

BRITISH MADE

TIN FOIL

Highly polished foils—printed, lacquered, embossed or plain. Guaranteed free from lead for tobacco, cigarettes, foodstuffs, etc. In sheets or reels—large or small quantities.

Also collapsible tubes in pure tin, pure lead or lead-coated with tin for rubber solution, artists' colours, tooth pastes and other toilet preparations.

Manufactured by

Venesta Ltd.
1, Great Tower St. EC.
London
England

PAPIER POUDRÉ
AND "POPPŒA" PREPARATIONS.

TRADE MARKS

"LEHCARESOR."

Papier Poudré

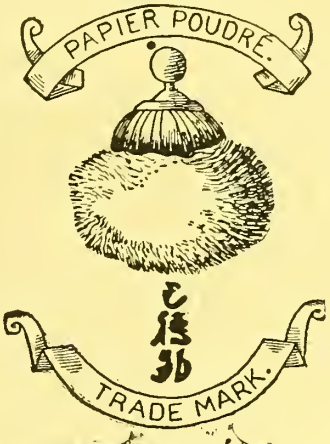
BRITISH MADE GOODS

NOTICE TO THE TRADE.

Owing to the Large Increase in the Price of Raw Material and the PAPER RESTRICTIONS, we regret being obliged to increase our prices as below.

Beware of Spurious Imitations.

REGISTERED



PAPIER POUDRÉ, LTD.
20 Baker St., Portman Sq., London, W., and in Paris.

NOTE OUR TRADE MARKS, AS ABOVE.

NEW PAPIER POUDRÉ PRICES.

IN WHITE, ROSE, or RACHEL TINTS, 3½d., 5d., 7d. and 1/2 size Booklets. 2/4, 3/-, 4/6 and 9/- per doz. net respectively.

SUNBURN TINT, 7d. and 1/2 sizes only, 4/6 and 9/- per dozen net.

NEAT 1/2 MIRROR CASES, containing pads of PAPIER POUDRÉ, 9/- per doz.
REFILLS to these MIRROR CASES ... ... 2/4 ,,
SMALL SIZE, DOUBLE LEAVES, for purse or glove ... ... 1/6 ,,
7d. SHAVING PADS (unscented, white only) ... ... 4/6 ,,

THE ALL-BRITISH "POPPŒA" PREPARATIONS.

"Poppœa" REGISTERED TRADE MARK

NEW PRICES.

ROUGE is most popular. It is put up in most convenient form, and is Nature's Understudy.

IN PADS, 7d. and 1/2 each. IN MIRROR CASES, 1/2 each, 9/- per doz.
4/6 and 9/- per doz. respectively. Refills, 3/- per doz.

"POPPŒA" MASSOLINE SKIN FOOD, in Jars, 9/6 and 28/- per dozen.
"POPPŒA" CRÈME POUDRÉ, in Bottles, 9/- and 26/- per dozen.

PAPIER POUDRÉ, Ltd., 20 BAKER STREET, PORTMAN SQUARE, LONDON, W.1.

VIKING CHEESE RENNET

COMMANDS THE LARGEST SALE IN THE BRITISH EMPIRE.

Viking Rennet is guaranteed to be made from Calf Vells only, and does not contain Pepsin or other substitute.

Note our Prices for Pure Rennet in comparison with other coagulates.

WHOLESALE.		RETAIL.
31/- per	gallon tin	36/- per gallon tin
16/6 „	½-gallon tin	19/- „ ½-gallon tin
8/3 „	quart jar	9/9 „ quart jar
4/3 „	pint jar	5/- „ pint jar
2/3 „	½-pint jar	2/9 „ ½-pint jar

These prices include containers and carriage paid. Awarded Silver Medal by the British Dairy Farmers' Association. VIKING ESSENCE OF RENNET, JUNKET TABLETS AND POWDER. Prices on application.

Sole Manufacturers: **THE VIKING RENNET CO. Ltd., 19 Clapton Square, London, E. 5.**

LONABARC TRADING COMPANY

60 FORE STREET, LONDON, E.C. 2.

PURE SPANISH ESSENTIAL OILS

SPECIAL OFFER—"LONABARC" OIL OF PENNYROYAL, 6/9 LB. D/D.
THYMOL CRYSTALS · BI-IODIDE OF THYME (ARISTOL).

ROSEMARY, SPIKE LAVENDER, GERANIUM

SAGE AND RED THYME OILS.

ANISEED · CUMIN SEED · QUINCE SEED · GENTIAN ROOT
ACONITE ROOT · MARSHMALLOW ROOT · ERGOT OF RYE, Etc.

Petroleum Jelly

White, Yellow, Amber, & Ruby Red, for all Pharmaceutical and Veterinary purposes

MEADE-KING, ROBINSON & CO.
LIVERPOOL · · · MANCHESTER

Trade Mark.

Established 134 Years.

R. J. Fullwood & Bland

The OLDEST and LARGEST Firm of

ANNATTO, RENNET

and BUTTER COLOUR Manufacturers in GREAT BRITAIN

GERMANS have never had any interest whatever in R. J. F. & B.'s firm, which has been carried on by British partners and with British capital since it was established in 1785. Others who claim to be the only makers of Rennet in England CANNOT SAY THIS.

R. J. F. & B. have secured large quantities of Calves' Stomachs, and are now open to book orders for any quantity of Rennet.

Sole Addresses:

31, 33 & 35 Bevenden St., Hoxton, London, N. 1

and Rennet Works, Ellesmere, Salop.

AN OPEN LETTER TO PHARMACISTS.

Vitamogen.

From the large number of complaints we are receiving every day from medical men of the difficulty their patients are experiencing in obtaining Vitamogen, we are convinced that there is some unknown cause for this, as before we placed our preparation on the market we approached all the wholesale houses, and as far as we are aware stocks are being carried by them; but it has occurred to us that possibly a confusion has arisen owing to the great influx of Foods of the nature of the German preparation, that our product is a similar preparation, whereas it is **quite distinct** and **has nothing in common with it.**

Vitamogen is a preparation containing the Vitamines in their natural and unchanged condition—in combination with Fats, Proteids and Carbohydrates—the whole constituting a Complete Food in a palatable and easily assimilable form. Vitamogen has been found quite as suitable for administering to young children, and even to infants, as to adults.

In a word, Vitamogen stands alone as a means of supplying the Vitamines—an entirely new food element.

Vitamogen is packed in two sizes, 2/- and 4/6, obtainable from all the principal wholesale houses.

Vitamogen owes its origin to our Chairman, who 20 years ago invented Virol, the well-known Invalids' Food.

VITAMOGEN, LTD.,
21 HOLBORN,
LONDON, E.C. 1.

THE FRENCH NATURAL MINERAL — WATER. —

VICHY-CÉLESTINS

DISORDERS of the LIVER, GOUT,

Diabetes, Rheumatism, Gravel, &c.

VICHY-ETAT PASTILLES.

Two or three Pastilles after each meal facilitate Digestion.

CAUTION.—Each Bottle from the STATE SPRINGS bears a neck label with the words "VICHY-ETAT" and the name of the SOLE AGENTS: INGRAM & ROYLE, Ltd., Bangor Wharf, 45 Belvedere Road, LONDON, S.E.

PROPERTY OF THE FRENCH GOVERNMENT.

"HALACO"

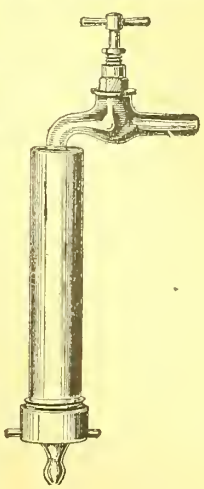
(REGISTERED)

Halaco Honey White Set,
Halaco Sanitary Towels,
Soothers (large variety),
Teats, Mounts, Feeders,
Hygienic Teats, Valves,
Bottles, Brushes, Enemas,
Dyes, Antiseptics, Iglodine.

SEND FOR LIST.

HASTING, LANG & CO.
LIMITED
1 Roman St., Church St., MANCHESTER.

PURE DRINKING WATER.



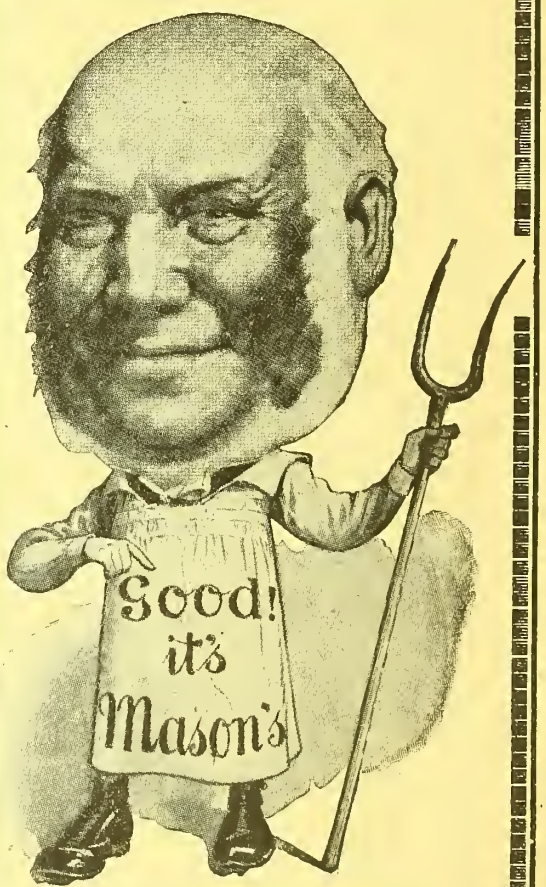
The Pasteur Chamberland Filter.

OFFICIAL GOVERNMENT STATEMENT:
Wherever the **PASTEUR FILTER** has been applied, **TYPHOID FEVER** has disappeared.

WRITE FOR LIST B.

SOLE MAKERS:
The British Pasteur Chamberland Filter Co.
5 WHITE STREET, FINSBURY, LONDON, E.C. 2.

MASON'S EXTRACT of HERBS



The most Refreshing, Delightful, Exhilarating, Health-giving, Economical, Thirst-quenching Beverage in the World.

THE CHEAPEST HARVEST DRINK.

MANUFACTURERS:
NEWBALL & MASON
NOTTINGHAM.

The Finest Quality Aerated Waters are made only with the Finest Quality ESSENCES

Boake Roberts'

Soluble Essences are of the finest quality and being extremely concentrated are most economical

Lemon	Ginger Ale	
Orange	Stone Ginger (Cloudy)	
Ginger	Clear Ginger Beer	
Raspberry	Kola Champagne	
Strawberry	Lime Juice and Soda	
Pineapple	Lemon Squash	Vanilla

A. Boake Roberts & Co. Ltd.
Stratford, London.

Every Munition Worker

needs a THERMOS, and practically every Munition Worker in your district will buy one if you make an attractive display of the genuine THERMOS in your window. We will assist with Catalogues, Leaflets, and Advertising Matter.

□□□

STOCK THE GENUINE

THERMOS

CATALOGUES, Etc., ON REQUEST.

THERMOS LTD.
Byron House, 2 & 4 Finsbury Street,
LONDON, E.C.2.

AMPOULES.

JOHN BELL & CROYDEN, Ltd.,
Wigmore Street, W.1.
Specialise in Ampoule Filling.

CHEMISTS' SPECIAL FORMULÆ PREPARED ACCORDING TO REQUIREMENTS.

Special Quotations for Large Quantities.
SEND FOR PRICE LIST.

EXCELSIOR CREPE BANDAGES. FAST EDGE.

EXCELSIOR CREPE BANDAGES

Owing to the War, the supply of Crepe Velpeau Bandages is discontinued. We, are, therefore, placing on the market a bandage of ENGLISH manufacture to replace it, which will be sold as

GIMBER'S EXCELSIOR CREPE BANDAGE

TRADE MARK.

An Elastic Bandage. Containing no Indiarubber. Superseding Elastic Stockings, Webs, Bandages, and at half the cost. Three sizes, about 2, 2½, and 3½ inches wide.

Excelsior Crepe Abdominal Binders.—Useful after many Abdominal Operations, and for ladies after confinements. Two sizes: 8 & 11 in. wide.

CAUTION.—Beware of fraudulent and useless imitations, and reject all Bandages not bearing the above Trade Mark on the Wrappers.

Wholesale of
W. GIMBER & SON, Surgical Bandage and Instrument Makers, 44 Queen's Rd., PECKHAM, LONDON, S.E.
And of all Wholesale Druggists, Chemists, Surgical Instrument Makers, &c.
Telephone: New Cross 1601. Descriptive Circular & Price List on application.

USE HAWLEY'S I.K.

"SUSAN"

LOOK AT our advertisements now appearing in the Press weekly.

LOOK TO your Stocks!

EVANS SONS LESCHER & WEBB Ltd.

GLASS BOTTLES & GLASSWARE

OF ALL DESCRIPTIONS.

Buyers in India, Australia, South Africa, and the Far East should send samples (two of each) and quantities required for quotations to

J. L. THOMPSON & CO., P.O. Box 22, KOBE, JAPAN.

Cable Address: "FRANKLIN KOBE."

FULLY ILLUSTRATED CATALOGUE OF SURGICAL INSTRUMENTS SENT POST FREE ON APPLICATION.

WHOLESALE. ***CONTRACTOR TO THE WAR OFFICE.*** ***EXPORT.***

ACTUAL MANUFACTURER OF

ART and MEDICAL

CAMEL HAIR BRUSHES

FOR ALL ART AND MEDICAL PURPOSES.

Throat, Nose and Ear Brushes a Speciality.

PERCY P. BAKER, **16 CARTHUSIAN STREET, ALDERSGATE, LONDON, E.C.**

Works: WALTHAMSTOW, ESSEX; and at ISLINGTON, N. TELEPHONE: CITY 362.

JOHNSON'S

PHOTOGRAPHIC CHEMICALS.

AMIDOL—JOHNSON, METOL—JOHNSON, AZOL—The Active Developer,
HYDROKINONE, ACID PYROGALLIC, POTASS. BROMIDE,
SODA SULPHITE, SODA CARBONATE, AMM. SULPHOCYANIDE,
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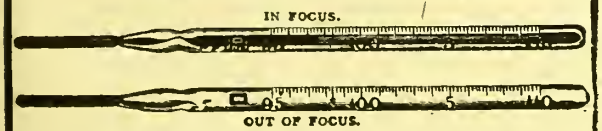

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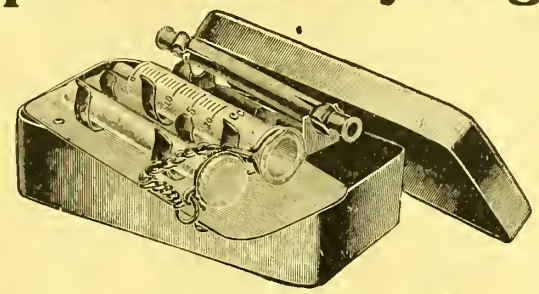

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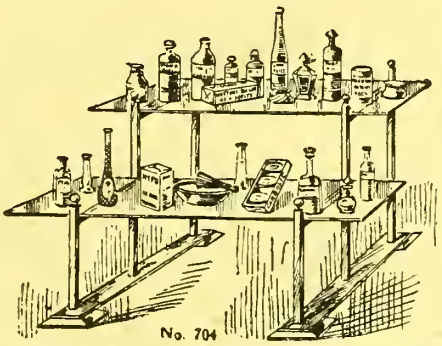

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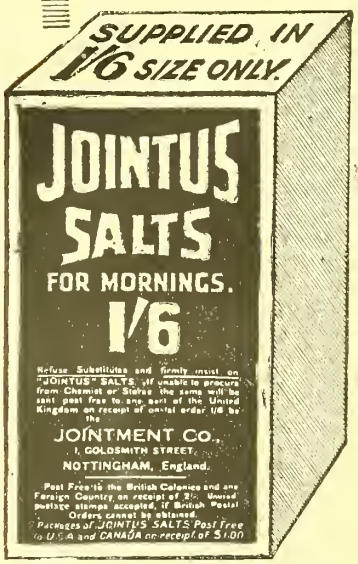

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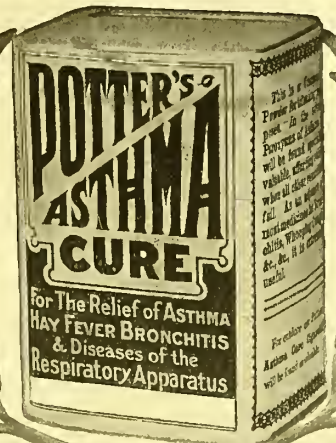

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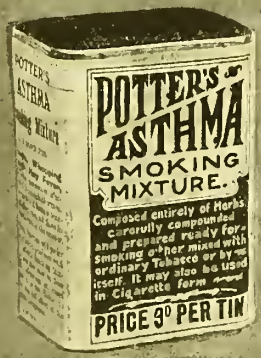

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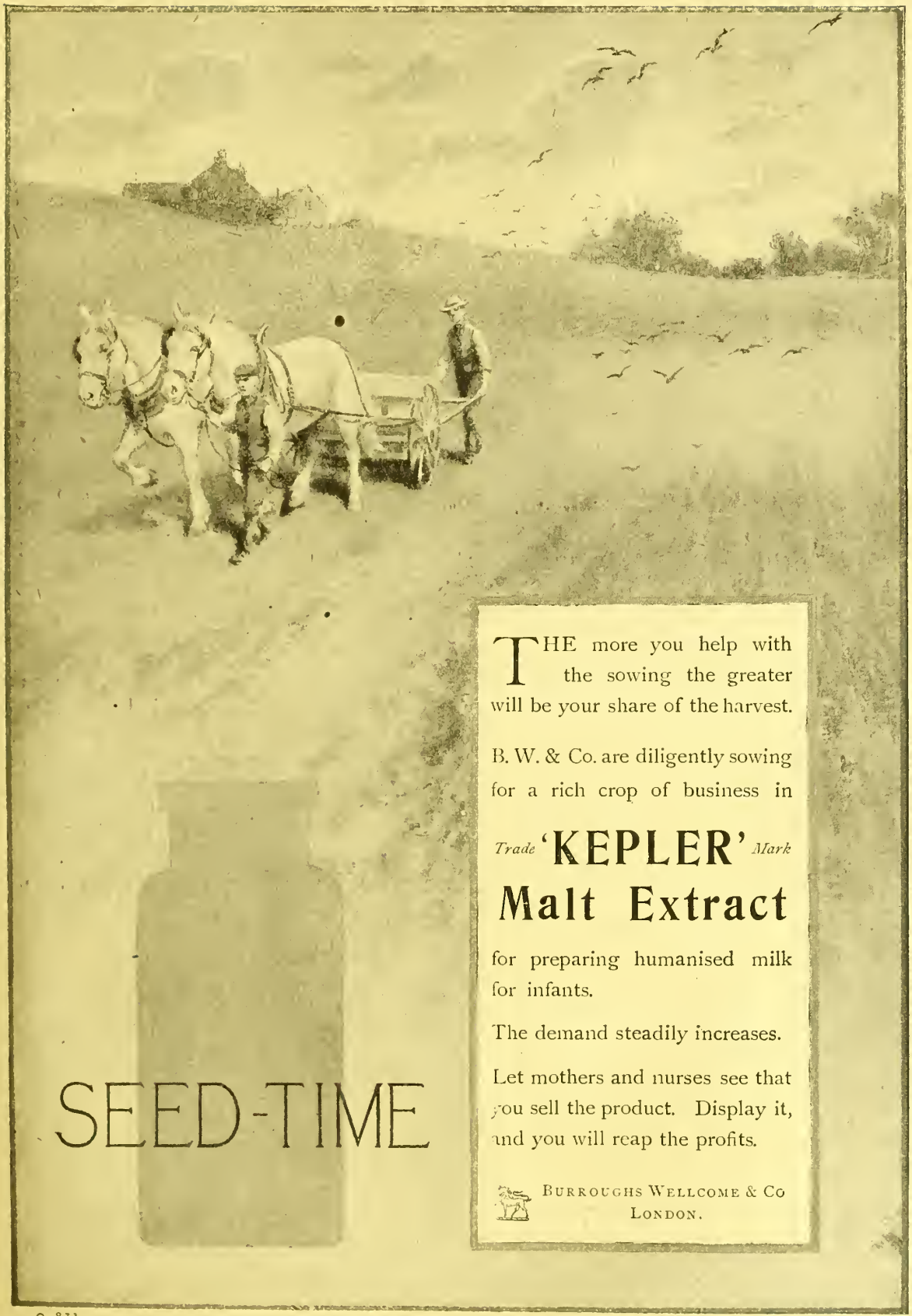

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Wills.

MR. JOHN MIDDLETON WYBORN, chemist and druggist, 67 Sackville Road, Hove, who died on March 11, has left property of the value of 1,017*l.* 4*s.* 6*d.*

MR. THOMAS FRAMPTON PERKINS, Ph.C., 99 Piccadilly, W., who died on February 23, left property of the value of 21,468*l.* 15*s.* 2*d.*, the net personalty being 19,076*l.* 8*s.* 3*d.*

MR. JOHN WILLIAM KNAPMAN, F.L.A., 59 Heathland Road, Stamford Hill, London, N., who died on March 27, left estate valued at 1,820*l.* 18*s.* 6*d.* gross, with net personalty 1,684*l.* 3*s.* 2*d.*

MR. ABRAHAM JOHNSON DYER, chemist and druggist, 1 Malwood Road, Balham Hill, London, who died on March 23, left property of the value of 10,429*l.* 8*s.* 9*d.* gross, and 10,358*l.* 17*s.* net.

MR. GEORGE WILLIAM NICHOLS, Innallan, Prestwich, chemical-manufacturer, who died on January 18, left estate of the gross value of 8,687*l.* 5*s.*, of which 8,453*l.* 4*s.* 11*d.* is net personalty.

MR. WALTER JOWETT HUDSON, chemist and druggist, Carlston, St. Andrews Road, Paignton, who died on February 12, left 14,008*l.* 19*s.* 8*d.*, of which 12,649*l.* 16*s.* 5*d.* is net personalty.

MR. SPENCER CHAPMAN, manufacturing chemist, 84 Eccleston Square, London, S.W., who died at Hove on March 21, left estate of the value of 452,864*l.* 2*s.* 2*d.*, the net personalty being 442,542*l.* 4*s.* 3*d.*

MR. DAVID WALKER, J.P., chemist and druggist, 62 High Street, Lockerbie, who died on January 15, left personal estate in the United Kingdom valued at 1,371*l.*, of which 1,366*l.* is Scottish estate.

European War News.

Import and Export Notices.

UNITED KINGDOM.—The "London Gazette" (May 14) announces the following alterations in the List of Prohibited Exports:—*Headings deleted*: Chemicals, etc., the following: (A) Nux vomica and its preparations; (B) podophyllum-rhizome; (A) photographic sensitive films, plates, and printing-paper, whether exposed or not; (B) surgical instruments; (B) *x*-ray apparatus. *Headings added*: Chemicals, etc., the following: (A) kola-seeds; (B) nux vomica and its preparations; (A) podophyllum-rhizome; (A) photographic materials, sensitised, of all kinds, whether exposed or not; (A) surgical instruments; (A) *x*-ray apparatus.

UNITED STATES.—The United States War Trade Board has issued a "List of Restricted Imports, No. 2," containing the following articles, the importation of which from Europe is "absolutely prohibited": Lime, talc, soapstone, molybdenum, animal oils, aloxite, borocarbon, borax, chloride of lime, cyanide of soda, ferro-manganese and spiegeleisen, lead, magnesite, paraffin, pumice, and starch. Applications for licence to import the following articles from Europe will not be granted, as regards shipments to the United States, on and after May 13, except as return cargo from convenient European ports, and unless the applicant for a licence is able to afford proof that shipping space for the goods has been engaged: Argol or wine-lees, fullers' earth, synthetic indigo, liquorice-root, and vanilla-beans. On and after May 13 Consular invoices for the foregoing will not be certified unless they bear the number of the United States import-licence.

Sulphuric-acid Prices.

An Order of the Minister of Munitions, dated May 10, substitutes, as from June 1, new maximum prices for sulphuric acid in place of those specified in the Order of May 29, 1917 (see *C. & D.*, June 2, p. 49). The new schedule is as follows:

1. Weak Acid—*i.e.*, Acid of all strengths up to and including 90 per cent. H_2SO_4.

Class A.—Arsenical Acid, maximum price per ton, 83*s.* For acid of 140° Tw. at 60° F. with an increase or reduction of 6*d.* in respect of each complete degree Twaddell by which the specific gravity is more or less than 140° Tw. at 60° F.

Class B.—Non-Arsenical or De-Arsenicated Acid, maximum price per ton, 98*s.* For acid of 140° Tw. at 60° F. with an increase or reduction of 7*d.* in respect of each complete degree Twaddell by which the specific gravity is more or less than 140° Tw. at 60° F.

2. Concentrated Acid—*i.e.*, Acid of all strengths over 90 per cent. H_2SO_4. Maximum price per ton:

Mono-hydrate (H_2SO_4) Content of Acid	Class C. Arsenical	Class D. Non-Arsenical
	£ *s.* *d.*	£ *s.* *d.*
Over 90 and up to 91 per cent. ...	5 9 0	5 19 0
,, 91 ,, 92 ,, ...	5 15 0	6 5 0
,, 92 ,, 93 ,, ...	6 1 0	6 11 0
,, 93 ,, 93½ ,, ...	6 7 0	6 17 0
,, 93½ ,, 94 ,, ...	6 10 0	7 0 0
,, 94 ,, 94½ ,, ...	6 13 0	7 3 0
,, 94½ ,, 95 ,, ...	6 16 0	7 6 0
,, 95 ,, 95½ ,, ...	7 1 0	7 11 0
,, 95½ ,, 96 ,, ...	7 6 0	7 16 0

Over 96 per cent. in both classes, an addition of 1*s.* per ton for each complete one-tenth of 1 per cent. of additional mono-hydrate.

All applications with reference to the Order should be made to the Director of Acid Supplies, Ministry of Munitions, Department of Explosives Supply, Storey's Gate, Westminster, S.W. 1.

Personalia.

PRIVATE L. BURNELL, K.O.Y.L.I., has been wounded and is in hospital. In civil life he was with Goodall, Backhouse & Co., wholesale druggists, Leeds.

PRIVATE HAROLD WILLIAMSON, West Yorkshire Regiment, is reported wounded. His apprenticeship was served with Boots, Ltd., at their Dewsbury branch.

LANCE-CORPORAL W. PARKER, M.M., London Regiment, is reported missing. Lance-Corporal Parker, whose apprenticeship was served with Mr. Joseph Shadwick, chemist and druggist, Wigton, enlisted on the outbreak of war.

Sergeant H. W. Powell, Machine-gun Corps, who is a prisoner of war in Germany, has been awarded the Military Medal for gallantry. Sergeant Powell is the son of Mr. F. W. Powell, chemical-merchant, 85 Blackfriars Road, London, S.E.

Lieutenant S. A. Parkes, Machine-gun Corps, has been "gassed" a second time, and is in hospital. Lieutenant Parkes is the only son of Mr. G. J. R. Parkes, chemist and druggist, West Bridgford, Nottingham (representing The British Drug Houses, Ltd.).

Corporal William Doig, King's (Liverpool Regiment), is reported missing since March 28. Corporal Doig is the elder son of Mr. John L. Doig, chemist and druggist (William Doig & Sons, 9 High Street, Dundee), by whom any information regarding him will be gratefully received.

Lieutenant Walter Cresswell, London Regiment, was taken prisoner on March 24. Lieutenant Cresswell is the half-brother of Messrs. Ernest and Alfred Cresswell, the principals of Cresswell Bros., sponge importers, Red Lion Square, London, W.C., and in civil life was a member of their office staff.

Private E. Lightbown, Gloucestershire Regiment, has been wounded for the third time, and is in hospital in France. Private Lightbown, who prior to enlistment was with Mr. John Laurie, chemist and druggist, Lytham Road, Blackpool, humorously expresses regret, in a letter, that his is not a "Blighty" case.

Lance-Corporal Albert Edward Hearn, Grenadier Guards, has been recommended for the Military Medal. The feat which elicited this recommendation was a particularly brave and hazardous one, resulting in the capture of a German despatch rider whose papers provided valuable information. Lance-Corporal Hearn, who is a typical Guardsman in physique, is twenty-one years of age. He is the son of Mr. Edward A. Hearn, founder of the Eclipse Glass Works, Clapton, and now directing the Britannia Glass Works, Burdett Road, Bow, London, E.; his godfather was the late Mr. Thomas Mason, of Newball & Mason, manufacturing chemists, Nottingham.

Lance-Corporal Hearn.

Captain Andrew McIlwaine, Queen Mary's Hussars, a son of Mr. A. W. McIlwaine, managing director of the Hull Oil Manufacturing Co., Ltd., Hull, has been awarded the Military Cross for conspicuous bravery in the field. His brother, Major Herbert McIlwaine, of the R.H.A., received a similar honour some time ago.

Miscellaneous.

Restriction Order Revoked.—The Restricted Occupations Order of February 28, 1917, which forbade the employment in certain industries—save with the consent of the Ministry of National Service—of men between the ages of eighteen and sixty-one, has been withdrawn.

Enemy Patents.—Applications are being made for the use of the following enemy-owned patents for artificial tanning-agents: 4648/11 and 24216/12. The hearings took place at the Patent Office Court on May 15.—Licences have been granted to L. B. Holliday, trading as L. B. Holliday & Co., to use nineteen patents belonging to the Badische Anilin und Soda Fabrik.

Syrup in Bulk.—The Ministry of Food announces: The Royal Commission on the Sugar Supply gives notice that, pending the fixing of definite prices for molasses (which is still under consideration), no molasses should be sold at a price in excess of that fixed for syrup in bulk—viz., 60*s.* per cwt. ex refinery or ex wharf. The price eventually to be prescribed will no doubt be considerably below that level.

Enemy Contractors Barred.—The City of London Corporation is taking steps to prevent enemy firms from participating in any contracts which it gives out. The proposals will affect businesses in which 5 per cent. or more capital is subscribed by Germans, Austrians, and Hungarians unless they were naturalised in this country before December 1900, or have sons who have served voluntarily in H.M. Forces during the war.

Road Transport.—Regulation 2JJ of the Defence of the Realm Act, which has been promulgated this week, confers now powers on the Board of Trade to enable the Board to maintain an efficient system for the transport of goods by road. In arbitration proceedings to determine the amount of compensation to be paid for taking possession of any horse or vehicle a single arbitrator is to act, and he "shall not be bound to have regard to the market price . . . or to the rate of hire prevailing in the district."

Sale of Sweetmeats (Restriction) Order.—In connection with this Order (*C. & D.*, May 4, p. 43), the Ministry of Food has issued a general licence allowing the unrestricted sale, until further notice, of preserved ginger, candied peel, crystallised and glacé fruits, crystallised rose-leaves, crystallised violets, angelica, and Carlsbad and Elvas plums. On the other hand, we have received information from Bovril, Ltd., that the sale of bovril chocolate is to be restricted as from May 3 in accordance with the Order.

Elder Conscripts.—A notice has been issued by the Ministry of National Service which states that, pending further instructions, men over forty-one engaged in certain occupations will not be called for medical examination. Among these are veterinary surgeons and full-time workers of the Young Men's Christian Association and the British Red Cross Society. A second call to men liable for service under the Military Service (No. 2) Act, 1918, was issued on May 11. It refers to men born in 1872 or 1873—that is, men of forty-five and forty-six.

Vitrite Glass.—The Minister of Munitions has made an Order extending the provisions relating to electric-lamp glass in the Glass Control (Consolidated) Order, 1917, to vitrite and other glass used or intended for use in electric-lamp caps for insulating-purposes. The Order of 1917 prohibited the manufacture or delivery of electric-lamp glass except for Government contracts or under the approval of the Controller of Glassware Supply. Applications in reference to the new Order should be made to the Controller of Glassware Supply, Ministry of Munitions, 22-23 Hertford Street, London, W. 1.

Petroleum Prices.—As from May 1, the wholesale price of petrol was raised by 2½*d.* per gal., and that of kerosene (paraffin) by 3*d.* per gal. The prices were then as follows: Petrol: No. 1, 3*s.* 4*d.*; No. 2, 3*s.* 3*d.*; No. 3, 3*s.* 2*d.* Kerosene: No. 1, 1*s.* 9*d.*; No. 2, 1*s.* 8*d.* For Scotland and Ireland, 1*d.* per gal. more. These increases were considered necessary in order to cover the increased landed cost of petroleum-products in the United Kingdom; they are regarded as overdue. The wholesale prices were last altered in November and December 1917. In the case of paraffin bought in quantities of half a pint or less the increase of 3*d.* per gal. wholesale makes no difference in the retail price hitherto charged of 1½*d.* per half-pint. This is still the nearest equivalent retail price in current coin for half a pint when the gallon is at 1*s.* 8*d.* wholesale. The poorest class of consumer is therefore not affected by the advance in price of paraffin per gal.

Posting Restrictions.—The restrictions on the posting of communications and packages abroad are to be increased on and after May 27. Permits will be required for posting (1) to foreign destinations newspapers, books, and other printed publications, manuscript, typescript, or cuttings from any of the foregoing: (2) to Russia, Rumania, Greece, neutral countries in Europe, and islands off the West Coast of Africa, packets containing plans, blue prints, photographs, and other pictorial representations or stamps: and (3) to any neutral country in Europe, or to any Allied country in Europe for retransmission to a neutral country in Europe, packets containing goods or commodities other than printed, written, or illustrated matter. The Order does not apply to packets addressed to places in British territory, to troops in the field, or interned British or Allied subjects, or to letters and postal correspondence, trade circulars and catalogues, invoices, etc., despatched in accordance with any Post Office regulations for the time being in force. Applications for permits should be addressed to the Chief Postal Censor (M. 1. 9. D.), Strand House, Carey Street, London, W.C. 2.

Military Tribunals' Decisions.

Since our Last Report the following decisions have been notified:

Bromley (Kent).—Mr. H. H. Cuthbert, chemist and druggist, was exempted for four months, with Special Constabulary condition.

Dundee.—Mr. H. Geake, chemist and druggist, and Mr. P. F. Kelly, chemist and druggist, were temporarily exempted.

Farnham.—Mr. A. S. Edwards, chemist and druggist, was exempted for three months.

Frinton.—On review, the conditional exemption held by Mr. W. S. Collitt, chemist and druggist, was confirmed.

English and Welsh News.

The Editor would be obliged if subscribers would send him marked copies of newspapers containing items of interest for insertion in this or other news sections of the "C. & D."

The Imperial Association of Commerce.

The first meeting of the newly formed Imperial Association of Commerce, to which reference was made in our issue last week, was held on May 9 in the London Commercial Sale Rooms, Mincing Lane, Sir Charles C. McLeod (Provisional Chairman) presiding. The Association owes its inception to the conditions created by the war, and is intended to be a rallying centre where business men can secure protection through a powerful body to whose expression of thought both Parliament and the Government must pay heed. The Chairman read a letter from Lord Inchcape (the President of the Association), in which he said:

> Unless the mercantile community of this country organises itself and shows a strong front against the disposition which is being evinced in Government offices to nationalise everything for all time, it will find itself in a sorry situation, and the commercial supremacy of this country, which hitherto has been the envy of the world, will disappear.

The time had come, the Chairman added, when an Association of that kind was absolutely necessary if their interests were to be protected. If the business of the country was left to the Government the country would be in a very sorry plight. Mr. F. M. B. Fisher (late Minister for Marine and Trade, New Zealand), explaining the objects of the Association, said that he had never known State control to be completely efficient, and it remained for the people of this country to devise a means whereby they could impart some intelligence to the controlling factors of the country. Large numbers of men who knew nothing about business had been employed by the Government, and they were telling business men what they ought to do to make business a success. It was an impossible and intolerable condition of affairs, and the Association proposed to aid the Government in transacting the nation's business intelligently, and in developing British trade. If they could create an organisation with 10,000 members, and branches in all the chief cities, they would then be able to approach the Government and speak with a united voice on all questions of trade.

Birmingham.

Mumps are prevalent just now in the district, nearly three hundred new cases being reported in one week.

The local N.H.I. Formulary has undergone fresh tinkering—this time in the matter of "white oils."

The "Birmingham Weekly Post" suggests the following substances, among others, for the destruction of field mice: Morphine pills (in dry weather only), phosphide of zinc, and sulphurous acid.

At the Suffolk Street Technical School a series of eight lectures on botany is to be given, and excursions will be arranged during the summer, the fee being the very modest one of a shilling.

Recent contributions towards the deficit in the funds of the Birmingham General Dispensary include the following: Mr. B. Cadbury, 50*l.*; J. & E. Sturge, 15*l.*; Mr. W. A. Cadbury, 10*l.*; S. Thornley, Ltd., 2*l.* 2*s.*; Mr. W. A. Albright, 2*l.*

The local curio-dealers seem to have secured good specimens of polished brass mortars. One goes one better and exhibits a 5-gr. pill-machine, which will no doubt find a place in some suburban drawing-room as a sample of "what used to be."

Liverpool.

Several local pharmacists were called for medical re-examination on May 15.

The Liverpool wholesale houses are closing at Whitsuntide from Saturday to Tuesday morning.

Customers in growing numbers are bringing in their empty bottles and jars for the use of the chemist and druggist.

Last week, in referring to the sale of Bidston Court, we fell into the error of stating that it was the residence of Mr. W. P. Evans, chairman of Evans Sons Lescher & Webb, Ltd. Mr. Evans lives in the same neighbourhood—famous for its charming views—and we regret that he has been caused a lot of unnecessary correspondence in explaining to his friends that the *C. & D.* had tripped in this matter.

Sheffield.

At a recent meeting, held at the Grand Hotel, it was decided to form a local section of the National Association of One-man Businesses.

The "clean cut" which is being made among pharmacists is of a drastic nature, but is not likely to disturb anyone in Sheffield under the present order.

Chemists who live in Sheffield suburbs which are in the Derbyshire area are receiving notice for medical grading, and have to attend at Derby, thirty miles away.

The Pharmaceutical Committee has made arrangements with the National Service Representatives that a chemist receiving his notice to appear for medical grading may have it made out for a Thursday afternoon by application.

Miscellaneous.

WINE-LICENCE GRANTED.—Mr. Edward Haynes, chemist and druggist, Hornton, has recently been granted a licence for the sale of medicated wines.

EARLY-CLOSING OPPOSED.—At a meeting of the Beverley Town Council on May 13, the Health Committee recommended that public notice be given that certain chemists and druggists of the town wished for an Early Closing Order. Strong opposition by Labour members, on the ground that the working classes would be adversely affected, resulted in the matter being referred back.

EARLY CLOSING.—The Early Closing Association has come to the conclusion that the time is now ripe to press for a compulsory Early Closing Order, fixing the time of closing at 7 P.M., with one late night in each week. Efforts are being made to obtain a consensus of opinion on the matter in time to influence the Government in renewing the Early Closing Order under the Defence of the Realm Act, which expires on September 30.

BANK HOLIDAY.—A Proclamation has been made appointing Saturday, May 18, as an additional Bank Holiday. Although this applies only to banks in England, Wales, and Ireland, some business houses are taking advantage of it to increase the length of the Whitsun holidays. Arthur Berton, Ltd., is to close from Friday evening (May 17) to Tuesday morning (May 21). The offices of THE CHEMIST AND DRUGGIST will be closed on Saturday and Monday.

SALE OF FOOD AND DRUGS ACTS.—At Nelson (Lancs), on May 11, Smith & Wild, wholesale grocers, Colne, were fined 5*l.*, with 1*l.* 1*s.* costs, for giving a false warranty to a purchaser of ground ginger. Mr. W. C. Williams, county analyst, stated that the amount of chalk in the sample—not less than 10 per cent.—was unique in his experience.—In Southwark during the past quarter three samples of drugs out of twenty-six analysed were found to be adulterated.

SALE OF BRONZE MORTARS.—The sale of bronze mortars which it was announced last week in the Coloured Supplement would take place at Puttick & Simpson's auction rooms, London, on May 10, comprised the largest collection that has been offered at auction within our recollection. There were thirty-four mortars altogether, and they were purchased by Sir Jesse Boot, Bart. The mortars are to be on show next week at the West-end branch of Boots, Ltd., 182 Regent Street, London, W. 1.

POISONING.—An inquest was held at Portsmouth, on May 11, on the body of Willy Dowler, a gunner in the Royal Marine Artillery, who had recently undergone a successful operation at the Royal Naval Hospital, Haslar. While still an inmate of the hospital he was given what was intended as a sleeping-draught, and died on the following day. It was stated in evidence that death was due to narcotic poisoning, and that after Mr. Robbins, dispenser, had made up an opium preparation for administration in 25-minim doses. Miss Elizabeth Barrett, a nurse of eight and a half years' experience, administered nearly an ounce, being unaware of the correct dose. The Coroner expressed the opinion that all investigation as to carelessness (if anyone was criminally to blame) should be left to the proper military authority. A verdict of "Accidental death" was returned.

IN THE COURTS.—At Gravesend Police Court, on May 11, John Henry Thorne, Mount Street, Bethnal Green, London, E., and B. H. D. Pepper, Croft Street, Gravesend, were remanded on a charge of concealing on board a vessel outward bound to Rotterdam 56 lb. of dental rubber and 3½ lb. of valve rubber. It was stated that at the present time dental rubber is worth more to the enemy than its weight in gold.—At the South-Western Police Court, London, on May 11, the Oriental Candle Co., Ltd., High Street, Wandsworth, S.W., with their manager, were fined 20*l.*, with 10*l.* 10*s.* costs, for selling superphosphate of lime at a price exceeding the maximum.—At Dewsbury Police Court, recently, a girl aged fourteen was bound over for twelve months on a charge of stealing milk-tablets and cough-lozenges from the shop of Mr. George Walker, chemist and druggist, Birkenshaw.—At Redditch, on May 8, Alfred Dawes, farmer, was fined for sowing wheat rendered poisonous by an arsenical solution.

Irish News.

Brevities.

Licutenant J. F. Addy, the King's Shropshire Light Infantry, who was decorated by the King with the Military Cross, is a pharmaceutical chemist, and before the war was with Mr. T. N. Moffitt, 209 Crumlin Road, Belfast.

The recent strike of soapworkers employed by D. Brown & Son, Ltd., Donaghmore, co. Tyrone, had a sequel at Dungannon on May 13, when the local Magistrates were engaged all day hearing a number of summonses for assault, stone-throwing, etc., against a number of the strikers. The assault charges were dismissed. A test case against the company for 21*s.*, one week's wages due on the day of the strike, was decided in favour of the workman. Notice of appeal was given.

A golf match has been arranged for those engaged in the drug-trade in and around Belfast on Greenisland Links for June 5. The train will leave Belfast for Greenisland at 1.30 P.M., and play will be commenced immediately on arrival of the train. Applications for cards (with present lowest handicap) should be made, not later than May 27, to Mr. W. J. Rankin, jun., 11 Waring Street, Belfast, or Mr. H. McRoberts, 63 Victoria Street, Belfast, and accompanied by entrance-fee, 10*s.* 6*d.*, which includes railway ticket (second-class), green-fee, and tea.

The Belfast Closing Order.

At the quarterly meeting of the Belfast Corporation last week a minute of the Police Committee which contained the following was presented:

The Town Clerk reported that, in accordance with instructions, voting-papers for ascertaining the opinion of the occupiers of pharmaceutical chemists' and druggists' and registered druggists' shops in the city on the proposal to make an Early-closing Order under the Shops Act had been sent by post to the occupiers of the 126 pharmaceutical chemists' and druggists' shops appearing in the Register of Shops in the city. The papers returned had been scrutinised and compared with the Register, and the voting found to be as follows: In favour of the proposed Order, 110; against the proposed Order, 11; paper invalid, 1; papers not returned, 4; total, 126. Resolved:

That, as the occupiers of two-thirds of the shops to be affected by the proposed Order approve thereof, the Council be recommended, in pursuance of the powers conferred upon them by the Shops Act, 1912, to make an Order providing that all pharmaceutical chemists', chemists' and druggists', and registered druggists' shops in the County Borough of Belfast (except those in which medicines and medical and surgical appliances only are sold) shall be closed for the serving of customers as follows: On Mondays, Tuesdays, Wednesdays, Thursdays, and Fridays from 9 o'clock P.M.; Saturdays from 10.30 o'clock P.M.

The minute was adopted by the Council.

Scottish News.

Dundee.

Dundee chemists having cut down their business-hours without apparent public inconvenience, the military authorities propose to inquire whether there are too many shops for public requirements.

Edinburgh.

Colonel Mackay, the National Service Representative at the local Tribunal, is a son of the late Mr. John Mackay, Ph.C. (John Mackay & Co., chemists).

Glasgow.

Private Andrew Johnston, R.E., in pre-war days an assistant with Mr. David Moir, chemist and druggist, Shawlands, has contributed articles entitled "The Quarter-Bloke" and "Advertisements in 1920 A.D." to an Ayrshire paper, and one on "War Postcards" to an American magazine.

Business Changes.

Johnson & Swan, chemists, Leytonstone, have opened a branch establishment at 149A High Street, Slough.

The Business carried on for many years by the late Mr. Hudson Bryars, chemist and druggist, Attercliffe, has been purchased by the Staniforth Pharmacy, Ltd.

Mr. Archibald Barbour, chemist and druggist, Kirkby Lonsdale, has transferred his business as from May 1 to Mr. George W. Thexton, chemist and druggist. Mr. Barbour has decided to join the Forces.

Mr. William Falconer, chemist and druggist, has acquired from the executors of the late Mr. F. J. Harrison the branch business at 73 London Road, Salisbury, of which he has been manager for the last three years.

Legal Reports.

Merchandise-marks Act.—At Lewes Petty Sessions on May 7, Mr. F. E. Packer, chemist and druggist, Seaford, was summoned by Mr. C. P. Allen, an inspector of the London Bottle Exchange and Mineral-water Trade Protection Society, Ltd., on two informations, under the Merchandise-marks Act, for having in his possession for sale, on April 16, three syphons of soda-water bearing false trade-descriptions. Mr. Donne, for the prosecutor, said the syphons bore the trade-marks of Idris & Co., Ltd., but the soda-water was manufactured by Mr. Packer. Mr. Hillman, for the defence, said Mr. Packer supplied soda-water to a Seaford hotel, and as he had not a sufficient number of syphons the hotel proprietor sent him syphons bearing the name of other makers. It was clear from the wording on the label that Mr. Packer did not intend to pass off the soda-water as being made by any other manufacturer than himself. The Bench were of opinion that a technical offence had been committed, and fined defendant 2*l.*, and two guineas costs.

Commission on "Starchall."—In the City of London Court, on May 7, before his Honour Judge Atherley-Jones, K.C., an action was brought by Mr. Charles G. Rothschild, commercial traveller, Highgate, against Max Emanuel & Co., starch-manufacturers, 41 and 42 Shoe Lane, for 46*l.* 12*s.* 6*d.* commission due as traveller and agent for the sale of 2 cwt. of "Starchall" and 50 per cent. commission on second half of commission on 10 tons at 3*l.* 10*s.*—*i.e.*, 35*l.* as agreed (cost to the plaintiff 36*l.* per ton, sold at 39*l.* 10*s.* per ton); and 50 per cent. commission on first half of commission on 16 tons 10 cwt. on orders given by Anderson, Gibb & Wilson, of Edinburgh, at 3*l.* 10*s.* Mr. F. Hinde, plaintiff's counsel, said that the first two items were not in dispute. The only question was whether plaintiff was entitled to 28*l.* 17*s.* 6*d.* Mr. Van den Burgh, defendants' counsel, said that the amount which is in dispute was for "Starchall" sold after the plaintiff left the defendants' service. The Judge gave judgment for the plaintiff for the amount claimed, with costs. He also gave leave to appeal.

Recovering Cerium and Thorium.—A considered judgment was given by Judge Graham, K.C., in the Bow County Court, London, on May 10, in an interpleader action in which the plaintiffs in the original action were W. T. Bruce & Co., Lombard Court, Lombard Street, London, E.C., chemical-manufacturers. Plaintiffs obtained judgment in the High Court against Burnett & Co., Essex Wharf, Hackney Wick, chemical-manufacturers, for 30*l.* odd in February last, and in March issued execution. The whole of the chemicals seized are now claimed by Mr. Edwin Harrop, Rosebery Avenue, Clerkenwell, a chemical-manufacturer. The facts are as follows: In 1911 Ingle & Burnett, Ltd., chemical-manufacturers, was founded at Essex Wharf, in which Harrop was a large shareholder and creditor. In March 1917 the company was wound-up by the Official Receiver, and Harrop purchased the assets *en bloc* for 1,271*l.* 6*s.* 3*d.* He claimed that among those assets were the chemicals now seized. Harrop then appointed Burnett—of the old company—as his works manager, with three men, and started working out a process for recovering cerium and thorium from old gas-mantle ash. Burnett was paid 6*l.* a week, but had no authority to buy anything beyond small petty-cash purchases—big purchases were done by Mr. Harrop—although when they had got the work on to a commercial basis he had authority to sell. Harrop said he had no knowledge that Burnett had purchased the goods for which judgment had been obtained. If he had been trading as "Burnett & Co." it was entirely on his own behalf, as the old name had never been changed or a new one thought of. For Messrs. Bruce, Mr. Bruce said he had purchased quantities of chemicals from Burnett & Co., Mr. Burnett being Harrop's agent, and had sold a lot to them for the extraction of cerium and thorium. He also supplied the gas-mantle ash. It was all in experimental quantities. It was further stated that Burnett disappeared in February, and had not since been heard of. In giving judgment, Judge Graham reviewed the above facts, and said it was clear that the claimant had appointed Burnett to make small purchases for cash, and to pay the men employed. After the experimental stage larger quantities of chemicals were ordered from Rosebery Avenue, and Burnett was given authority to take orders. his Honour imagined, for goods made at Essex Wharf. Messrs. Bruce delivered to "Burnett & Co." clearly considering Burnett to be the agent for Harrop, not knowing, and it not having been brought to their notice if it were so, that his authority was limited. There would be a verdict in favour of Bruce & Co., the execution creditors, with costs.

Westminster Wisdom.

By the "C. & D." Parliamentary Representative.

Post Office (No. 2) Bill.

During the Committee stage of this Bill it was moved to insert a clause providing that transactions of any learned Society, being a member of or recommended by the Conjoint Board of Scientific Societies, may be posted at the same rates as are applicable to registered newspapers. Sir Joseph Larmor and Sir Philip Magnus supported the clause, but the House rejected it. The new rates of postage (*C. & D.*, April 27, p. 43) are to come in force on June 1.

Optical Companies.

Sir A. Stanley stated in the House of Commons on May 13 that the factory, machinery, and stock of Carl Zeiss, London, Ltd., were sold in the winding-up of the business under the Trading with the Enemy Acts to Ross, Ltd., the highest bidders, for 10,500*l*. After the outbreak of war the business was carried on by Mr. Charles until it was sold; he is not employed by Messrs. Ross, and, so far as Sir Albert was aware, has not been paid compensation by them.

The Parliamentary Secretary to the Ministry of Munitions, in reply to another question on the same date, stated that the works-manager of Ross, Ltd., is Mr. J. W. Hasselkus, born in Schleswig-Holstein, and naturalised as a British subject in 1910. He has been resident in England for nearly twenty years.

Speculation in Soap.

Mr. Bentham on May 14 asked the Parliamentary Secretary to the Ministry of Food if he is aware that, while retail traders cannot get supplies of soap, speculators in the City and foreigners to the trade have bought huge consignments of all sorts of soap and are now offering them at very high prices to retailers generally; whether he is aware that the Oils and Fats Branch of his Department, when acquainted with these facts, intimated that the firms in question were of good repute, though how long they had been engaged in the soap-trade was not known; and whether he will make further inquiries in order to prevent soap being made dearer by such profiteering by outsiders.

Mr. Clynes replied that he is aware that difficulties of the nature described have arisen with regard to the distribution and price of soap, and he is considering what action it is desirable to take in order to prevent their recurrence.

Synthetic Dyes.

In the House of Commons on May 15, Sir Albert Stanley, President of the Board of Trade, reviewing the work of his Department, announced that zinc concentrates are to be refined in this country. Referring to the manufacture of aniline dyes he said this is an industry which at the outbreak of the war was largely controlled by our present enemies. Very considerable progress had been made in the direction of the commoner kinds of dyes, but not so much progress had been made in the more complicated range of colours which were produced in such quantities in Germany before the war. In order that this essential industry should be made free from any possibility of alien control the Board has indicated to the dye-manufacturers certain proposals to which they are willing to agree. In the first place, the Board propose that where a manufacturer of dyes would undertake to manufacture special dyes, and where he is not in a position to secure the necessary money required for the extension of buildings and plant, the Government would make a loan at a fixed rate of interest, the rate being in no case less than 5 per cent. It is also proposed to make some contribution towards the cost of such extensions, and to make certain grants in respect of research-work. In order to safeguard this industry against German competition after the war it is proposed to adopt a course which he believed was carefully considered by a Cabinet Committee of the last Government and approved by that Government, and which had since been approved by the present Government—that the importation of all foreign dyestuffs should be controlled by a system of licences for a period of not less than ten years after the war. They had been in consultation with representatives of dye-makers and dye-users, and the latter, he was glad to say, are in agreement with them on this matter. He had agreed with them that a licensing authority should be established by the Board of Trade which should have a free hand in deciding as to the grant of licences. The Committee is to be composed of an equal number of representatives of dye-makers and dye-users, in each case nominated by those industries. There would be an independent Chairman appointed by the President of the Board of Trade. The Committee must, of course, be subject to the final authority of the President of the Board of Trade. Negotiations had for some time been in progress for the amalgamation of British Dyes, Ltd. and Levinstein, Ltd., who are, he believed, the most important of the dye-manufacturers in this country. The arrangement provides that the new company should be permanently under British control, with Government representation on the board of directors, provisions to secure reasonable prices and the equitable distribution of the company's products to the consumer. It is not proposed that the new company should have any monopoly or privileged position.

Finance Bill.

The Finance Bill which has been published this week embodies the legislation necessitated by the resolutions of the House of Commons regarding the Budget. Clause 2 continues the additional medicine-duties imposed by the Finance (No. 2) Act, 1915. Clause 3 deals with the increased duty on spirits, and it is followed by Clause 4 as follows, which deals with the reduction and allowance of duty in respect of spirits used in medicinal preparations or for scientific purposes:

(4).—(1) In the case of any mixture, compound or preparation which, on importation, is charged with duty in respect of the spirit contained in it, or used in its preparation or manufacture, the duties specified in Part I. of the First Schedule to this Act shall be reduced by the sum of fifteen shillings and three pence, and the additional duty specified in Part II. of that Schedule shall not be charged, if the mixture, compound, or preparation is one which is recognised by the Commissioners of Customs and Excise as being used for medical purposes.

(2) If any person proves to the satisfaction of the Commissioners of Customs and Excise that any spirits in respect of which the duties imposed by this Act have been paid have been delivered to him and used solely in the manufacture or preparation of any article recognised by the Commissioners as being used for medical purposes, or have been used for scientific purposes, he shall, subject to such regulations as the Commissioners of Customs and Excise may prescribe, be entitled to obtain from the Commissioners repayment of the sum of fifteen shillings and three pence in respect of every gallon computed at proof of spirits so used, and shall also, if he proves to the satisfaction of the Commissioners that the spirits so used were spirits to which the restrictions contained in the Immature Spirits (Restriction) Act, 1915, did not apply, be entitled to obtain from the Commissioners repayment of the amount of the additional duty in respect of immature spirits (if any) paid under this Act in respect of the spirits.

(3) Regulations made under this section may provide that a person shall not be entitled to claim repayment unless he has kept such books and taken such account of stock as may be prescribed by the regulations, and may apply to any such person any of the enactments relating to any duty of customs or excise and to persons carrying on any trade subject to the laws of excise, and may contain such other provisions as the Commissioners of Customs and Excise may consider necessary for the protection of the revenue.

(4) If any person contravenes or fails to comply with the regulations made by the Commissioners under this section, or if any person for the purpose of obtaining any repayment of duty under this section or in connection with any application for any such repayment, makes any false statement or false representation, he shall in respect of each offence be liable to an Excise penalty of five hundred pounds.

The increased duties on sugar occupy Clauses 8 and 9, glucose and saccharin being dealt with also. Clauses 11, 12, and 13 refer to the luxury-duties, and although it is not yet known what articles are to pay these taxes it is useful to know that the duty is not to be levied on any article of luxury sold at less than one shilling. Luxury-duty is recoverable from the person who sells or supplies the articles upon which it is due, and it is to be denoted and collected by means of stamps. The Commissioners of Customs and Excise have power to enter premises where articles of luxury are sold and inspect books and documents. Part II. of the Bill deals with income-tax, and it is interesting to note that Clause 26 makes provision in respect to deductions for wear and tear of plant, etc., a claim which has been advanced by the taxpayer for many years. The extension of relief from income-tax in respect of wife and dependent relatives is dealt with in Clause 28. The wording of the provision regarding dependent relatives is "a relative of his or of his wife who is incapacitated by old age or infirmity from maintaining himself, and whose income from all sources does not exceed twenty-five pounds a year." Part III. deals with excess-profits duty, and Part IV. with the increased duty on cheques.

Births.

CHEETHAM.—At "Burwood," Mowbray, Cape Town, on March 1, the wife of R. S. Cheetham (Lennon, Ltd.), of a daughter.

LINDSAY.—At 16 Cassillis Road, Maybole, on May 7, the wife of J. Martin W. Lindsay, chemist and druggist, of a daughter (Florence Elizabeth Carmichael).

PETRIE.—At Sea Point, Cape Town, on March 7, the wife of D. L. Petrie, chemist and druggist, of a son.

POUT.—At Galen Pharmacy, Worcester, on May 9, the wife of Donald G. Pout, chemist and druggist, of a son.

FORGAN.—At 37 Lixmount Avenue, Trinity, Edinburgh, on May 13, the wife of Robert Berry Forgan, chemist and druggist, of a daughter

Deaths.

COOK.—At 15 Monkhams Avenue, Woodford Green, Essex, on May 8, Mr. Thomas Alexander Cook, second son of the late Edward Rider Cook (Edward Cook & Co., Ltd., East London Soapworks, Bow), aged fifty-five. The late Mr. Cook, who was chairman of the board of directors, was born in Bow, educated at the City of London School and University College, entered the business on February 1, 1881, was made a partner in 1888, and became a director on the flotation of the new company in 1898, when the business, for family reasons, was converted into a limited-liability company. He was also Chairman of the West Ham Hospital from 1901 to 1915. Mr. Cook always took an active part in social and hospital work, and to his initiative are due many of the arrangements at the works for the benefit of the employés.

DAWSON.—At Wigan, recently, Mr. Francis Robert Dawson, J.P., manufacturing and wholesale druggist, aged sixty-six. Mr. Dawson opened a retail business in Wigan, on qualifying, at the age of twenty-one, and subsequently launched and developed a wholesale and manufacturing trade. His appointment as a borough magistrate was made in 1906. He was unmarried.

ELMS.—At 14 Claremont Grove, Snakes Lane, Woodford Green, on May 3, Mr. Henry Elms, chemist and druggist, aged forty-four.

GLOVER.—The late Mr. Edward Glover, whose death was announced in the *C. & D.*, May 11, p. 39, travelled for Thomas Beecham to India, Australia, New Zealand, South Africa, the United States, and Canada. He acted as secretary to the late Sir Joseph Beecham, Bart., on his visits to America and Canada. *Mr. J. A. Kenningham* (Condy & Mitchell, Ltd.), who accompanied Mr. Glover to Australia in 1908 in connection with the protection of the interests of proprietary-medicine manufacturers, writes: "Edward Glover was always ready to help with advice and assistance anyone in the proprietary-medicine business, his outlook being so wide that he did not approach the question from the view that his inquirers might be possible competitors. From the moment he left England on January 24, 1908, on his trip to Australia, to the time he gave an account of his stewardship at the London Chamber of Commerce on July 29, his whole energy was devoted to the subject in hand. Every day in Melbourne was fully occupied with interviews and business, and in the Lobby the more members who questioned and argued with him, the better he seemed to like it. He was of a cheerful and optimistic disposition, and had a personality which made him friends with all who came in contact with him. Edward Glover will be much missed by the Proprietary Articles Section of the London Chamber of Commerce, where his knowledge and diplomacy were well known and appreciated."

MR. E. GLOVER.

GUNSTONE.—At Oxford, on May 7, of pneumonia, Mr. Herbert Challiner Gunstone, chemist and druggist, aged forty-five. Mr. Gunstone served his apprenticeship at Oxford, and, after gaining further experience at Ipswich, passed the Qualifying examination in 1894. He was subsequently for a time with Savory & Moore, Ltd., London, W., and about eighteen years ago took over the business of the late Mr. J. H. Hill, High Street, Oxford. He was a member of the Oxford City Golf Club, and had been a churchwarden at the church of St. Peter-in-the-East.

LESCHER.—At 8 Prince Edward's Mansions, Palace Court, London, W., on May 12, after a short illness, Mr. Frank Harwood Lescher, Ph.C., F.C.S. (a former senior London director of Evans Sons Lescher & Webb, Ltd., 60 Bartholomew Close, E.C.), aged seventy-five. The death of Mr. Lescher has removed from wholesale pharmacy one of its leading and most cultured exponents, as, although he retired from active work eleven years ago, he still took a keen interest in pharmaceutical affairs. He was the eldest son of Joseph Sydney Lescher, who in 1828 entered into partnership with John Evans (the founder of the Evans' business), under the name of Evans & Lescher, Wood Street, Cheapside. Subsequently they together founded a branch business in Liverpool, from which J. S. Lescher retired in 1835 to confine his attention to the London business. Mr. Lescher entered the drug-trade on November 1, 1856, when he was formally apprenticed to Mr. Thomas Bickerton Evans, of Liverpool, who was the eldest son of John Evans and a partner in the firm of Evans, Sons & Co. Mr. T. B. Evans was a liveryman of the Grocers' Company, and thus gave his apprentice entry into that Guild fraternity. At that time Mr. Lescher was a boy of fourteen, attending University College School. He subsequently finished his education at Ushaw College, Durham. Three years later he returned to London, and began to work at 60 Bartholomew Close, which was then Evans, Lescher & Evans, and in 1866 he was made a partner. As a boy Frank Harwood Lescher had a liking for natural science, but it was not until he entered Bartholomew Close and got time off to attend the "Square" lectures that he received the systematic instruction which he desired. This was in the session of 1861, when he took the medal for botany and materia medica. He passed the Minor in that year, and such was his assiduous attention to his studies that in June 1868 he passed the Major examination (Mr. Carteighe was one of the examiners), and capped this by carrying off the Pereira medal of that year. Meanwhile he was going through every department at Bartholomew Close, paying particular attention to the commercial side of the business, and as he had an exceptional knowledge of foreign languages he was able to develop rapidly the Continental branch of the business. For many years Mr. Lescher attended 'Change daily, and devoted himself to the buying for both the London and Liverpool houses, this being the most important position amid the many ramifications of the business. Mr. Lescher had unusual literary accomplishments, and in 1869 he published two students' manuals which were exceedingly popular—the first being a guide to the Modified examination, and the second, and more important, "The Elements of Pharmacy," which constituted a guide to the Minor and Major examinations, and went through several editions. In 1884 he published his first edition of "Recent Materia Medica," a succinct account of all new remedies. Many of our older readers will no doubt recall the series of vivid notes which he contributed to THE CHEMIST AND DRUGGIST in 1871 under the title of "En Vacance," and signed "F. H. L." These were impressions and observations recorded by Mr. Lescher during a visit to France while it was still in German occupation. Mr. Lescher had made a special study of cinchona-barks, and in 1883 he contributed to the *C. & D.* an exhaustive article on the "Cinchonas at the Amsterdam Exhibition." "Nothing," he said then, "is more interesting than the cinchona-barks from Java exhibited by the Government from the Royal plantations," and after describing in detail the barks and their contents, he said, "We can get nothing finer than the barks of the seeds collected by Charles Ledger's faithful servant Manuel." Mr. Lescher was the originator of the scheme of Hawley's "Counter-Adjuncts," the story of which has been told in the pages of THE CHEMIST AND DRUGGIST. How the idea was taken up by the trade it is needless to refer to here. During his long career Mr. Lescher worked freely on behalf of the

MR. F. H. LESCHER.

organisations of the trade. He was a past-President of the Drug Club, and was an active member of the Chemical Trade Section of the London Chamber of Commerce. For that body in 1890 he gave evidence before the Commission on the Railway and Canal Traffic Act. He was an auditor to the Pharmaceutical Society for many years. He was also interested in insurance problems, and was a director of the Metropolitan Life Assurance Co. for over thirty years. Besides his connection with the Grocers' Company he was a member of the Musicians' Company, and as one of its past Masters sat in the Court of Assistants. The King of Portugal in 1880 conferred on Mr. Lescher the Star of Commander of the Military Order of Christ "in consideration of his merits and qualities, and as a testimony of the Royal favour." Mr. Lescher retired in 1907, when he was able to devote himself to his favourite hobbies, literature and art. In 1908 he delivered the inaugural address to the students of the Pharmaceutical Society, when he dealt largely with the history of the commerce of drugs in his own inimitable way. Mr. Lescher, who was descended from an old Catholic family, was one of the most kindly of men in business affairs, and his mature judgment and sound knowledge of drugs proved a valuable asset in building up the prosperity of the company. He leaves a widow, two sons (Mr. T. Edward Lescher and Major Graham Lescher, M.C., R.A.M.C.), and two married daughters. A Requiem Mass was held at St. Mary-of-the-Angels, Bayswater, on May 15.

PASCALL.—At Hurstpierpoint, on May 10, Mr. James Pascall, J.P. (James Pascall, Ltd., wholesale confectioners, Blackfriars Road, London, S.E.), aged eighty. Mr. Pascall founded his business in a small building in Wells Street, London, W., in 1866, and removed soon after to Blackfriars Road owing to the rapid development of the trade. The Pascall product most familiar to chemists and druggists is "Golden Maltex," in which malt extract is incorporated in such an attractive fashion that the confection has become a favourite in all parts of the world. Mr. Pascall was for some time a member of the London School Board. His business was converted into a private limited company in 1898, and on the occasion of its jubilee we published a short account, with portrait, of Mr. Pascall's career (*C. & D.*, 1916, p. 1261).

PRIME.—At 21 Westow Hill, Upper Norwood, London, S.E., on May 6, Mr. Thomas Robert Prime, chemist and druggist, aged seventy-one.

SKINNER.—At 3 Cambridge Avenue, Leith, on May 10, Mr. William Skinner, chemist and druggist.

Died on Service.

BENTLEY.—Lance-Corporal Jack Bentley, East Yorkshire Regiment, has been killed on service, aged twenty-five. Lance-Corporal Bentley was the only son of Mr. J. R. Bentley, chemist and druggist, Kirkgate, Leeds.

BRATLEY.—Private C. W. Bratley, York and Lancaster Regiment, has fallen in action. Private Bratley was the youngest son of Mr. William Bratley, chemist and druggist, Pontefract.

EVANS.—Second-Lieutenant Bertie Trevor Evans, Royal Welsh Fusiliers, has fallen in action. Second-Lieutenant Evans qualified as a chemist and druggist in 1916, and immediately afterwards joined the R.A.M.C. He received his commission in February 1917.

GILBERT.—Gunner D. Gilbert, Royal Garrison Artillery, has fallen in action. Gunner Gilbert enlisted while with Mr. C. A. Smith, chemist and druggist, Ventnor.

HOWELLS.—Second-Lieutenant E. J. Howells was killed in action in France on November 23, 1917, aged twenty-four. Second-Lieutenant Howells served his apprenticeship to Mr. Josiah Evans, chemist and druggist, Monmouth.

JARDINE.—Licutenant C. H. Jardine, Royal Scots, is reported killed in action. Lieutenant Jardine was the son of Mr. Thomas Jardine (T. & H. Smith, Ltd.).

MASSEY.—Sergeant Warren Levick Sims Massey, Yeomanry, was killed in action on April 25. Sergeant Massey, who passed the Qualifying examination in 1911, was at one time an assistant with Mr. Alban Atkin, chemist and druggist, West End Lane, London, N.W., and more recently was with Burroughs Wellcome & Co. at their Dartford works. He leaves a widow and a daughter.

STOCKDALE.—Private Clifford Stockdale, King's Own (Royal Lancaster Regiment), was killed in action on April 3, aged nineteen. Private Stockdale was the youngest son of the late Mr. Richard Stockdale, chemist and druggist, Blundellsands, at one time a well-known member of the Liverpool Chemists' Association.

TOLKIEN.—Private Leslie H. Tolkien, King's Own (Royal Lancaster Regiment), has been killed in action in the East. Private Tolkien was the son of Mr. H. A. Tolkien (C. Tolkein & Co., manufacturing chemists, Blackburn), and in pre-war days was an assistant in his father's business.

Association Affairs.

London (N.).—The annual meeting of the North London Pharmacists' Association was held on May 9 at the Progressive Pharmacy Club. The President (Mr. Hugo Wolff) gave an account of the work done by the Association during the year, and the Treasurer read the balance-sheet, which showed a balance of 15*l*. A hearty vote of thanks was accorded to both the President and the Treasurer. The following officers were elected for the ensuing year: *President*, Mr. J. C. Carter; *Vice-President*, Mr. C. W. Andrew; *Treasurer*, Mr. Arthur H. Jenkin; *Secretary*, Mr. Herbert Skinner; *Trade Secretary*, Mr. J. Hearle; *Auditor*, Mr. C. T. Bennett; *Committee*, Messrs. Humphrey, Bowie, Webster, Barton, Dow, Matthews, Wolff, Anderson, Honiatt, Felton, Davy, and Walters. The ward officers were re-elected.

Nottingham.—The annual meeting of the Notts County Pharmacists' Association was held at Mansfield on May 1. The following officers were elected for the ensuing year: *President*, Mr. C. C. H. Cadge, Birmingham; *Vice-President*, Mr. R. E. Naylor, Jacksdale; *Treasurer*, Mr. B. Adams, Mansfield; *Secretary*, Mr. A. H. Bell, Mansfield. It was resolved to join in the face-values movement. A subscription to the Benevolent Fund of five guineas was voted.

Plymouth.—The Plymouth and District Association of Pharmacists met on May 9, Mr. Maitland (President) in the chair. The alterations and additions to the minimum-price list were considered. It was decided not to recommend any candidate for the Council election, but members were urged to vote, as so many papers were not returned each year. The Early-closing Order for chemists caused a long discussion, and it was finally resolved that the Secretary should have printed and distributed cards announcing that the establishment was closed, to be hung in sight after closing-hours. Mr. Spear expressed his willingness to attend a conference of Ucalites, to be held in London, and was asked to collect details and report to a meeting of members interested in Ucal, Ltd.

Progressive Pharmacy Club.—The second lecture of the course on business methods applied to pharmacy was delivered on May 7, when Mr. G. E. Marfitt (Leicester) took as his subject *Window-dressing and the Display of Goods*. There was a large attendance, and the chair was taken by Mr. A. R. Keith, who introduced the lecturer as having the reputation of being one of the most skilful window-dressers in pharmacy. As the result showed, this reputation is fully deserved, and for more than an hour the audience was engrossed in the subject. Mr. Marfitt illustrated his remarks by model window-shows and a large number of fine photographs of others which he had arranged at different times, many of them for leading firms of manufacturers. At the conclusion of the lecture the Chairman called for cordial recognition of the undoubted appreciation with which the lecture and illustrations had been received, and to this the audience responded with enthusiastic applause, as is the manner of the P.P. Club.

Salford.—The tenth annual general meeting of the Salford Pharmaceutical Association was held at 40 The Crescent on May 8. The Secretary's report and the Treasurer's balance-sheet were adopted, and the two officers were re-elected. Mr. J. H. Harrop was chosen as *President*; while the *Council* is to consist of Messrs. Gill, Simmons, Cuttiford, Lewis, Bellringer, Stout, Blore, and Butler. Messrs. Simmons, Cuttiford, and Lewis were appointed a Vigilance Committee to work with the Manchester Committee. The new by-laws were then passed, the principal feature of which is that apprentices and unqualified assistants are eligible for admission as associate members open to all the privileges of membership except the right to a seat on the Council of the Association.

Wimbledon.—A meeting of the Wimbledon and District Pharmacists' Association was held on May 8, Mr. F. T. Bowen (President) in the chair. Mr. W. J. Doe reported on Insurance matters and answered many queries pertaining thereto. The President gave an account of each candidate for the Council election, and the ensuing discussion was interesting. Mr. Doe spoke very strongly in favour of Mr. Hugo Wolff and the Surrey candidate, Mr. Neathercoat, these two being held as favourites.

Worcester.—The annual meeting of the Worcester Pharmacists' Association was held on May 2, Mr. A. E. Coverdale (President) in the chair. The President referred to the great loss sustained by Mr. Wilson Sudlow, Malvern, whose only son had been recently killed on the Western Front, and he moved that a resolution of sympathy and

regret be sent to Mr. Sudlow and family. He was supported by the members present. He also referred to the gallantry of the son of their esteemed member Mr. A. S. Price (Blackheath), who was on the *Vindictive* in the recent naval action off the Belgian coast. Mr. Price's son had been wounded, but was back in England and making satisfactory progress. On behalf of the members he heartily congratulated Mr. Price. The accounts showed a balance in hand of 18*l.* 6*s.* 6*d.*, and the Association has also 5*l.* in the 5 per cent. War Loan. The officers were re-elected for the ensuing year, with the addition of Mr. A. S. Price to the list of Vice-Presidents, and Mr. W. J. Thomson (Worcester) and Mr. G. Jones (Kidderminster) on the Committee in place of Mr. Acton and Mr. Maurice Smith.

Personalities.

High Prices were realised at Christie's, on May 10, for Turner drawings from the collection of the late Sir Joseph Beecham, Bart.

Henry C. Quelch & Co., Ludgate Square, London, E.C., ask us to state that Mr. W. J. Brinson is no longer in their service. (Corrected notice.)

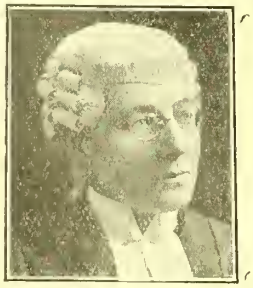
Mr. Samuel Wyatt, chemist and druggist, Highfield Road, Hall Green, Birmingham, has been honoured by the acceptance of presentation copies of his volume of poems, entitled "The Light of Love," by Princess Mary and Sir Douglas Haig.

Mr. James Edward Dewing, F.S.M.C., chemist and druggist, Goole, is the subject of an article (with portrait) in the "Goole Times" of May 3. Mr. Dewing, who opened his present business in 1892, has taken an active part in local affairs, and is a second-lieutenant in the Volunteers. Four of his sons are in the Forces.

Alderman Richard FitzHugh, J.P., Ph.C., Nottingham, has been presented with his portrait and an illuminated address by the trustees and other officials of the Nottingham Savings Bank, in which he has taken an interest for the past forty-six years. Mr. FitzHugh has been President of the Nottingham Pharmaceutical Association for nearly forty-five years, was Mayor of the city in 1891, and has filled other public offices. He passed the Major examination in 1864.

Mr. L. C. Smith, St. Stephen's Road, Leicester, has been celebrating the jubilee of his career in pharmacy. Mr. Smith was apprenticed to the late Mr. Charles Oates, Huddersfield, who relinquished a year of the term of apprenticeship on condition that Mr. Smith took four situations within the two following years. One of the four chosen was with Mr. George Shepperley, Nottingham, of prescribing fame. Later in life Mr. Smith introduced "Sunlight Soap" to Leicester; and he has ever since been familiarly known to his friends as "Sunlight" Smith.

Mr. F. W. Crossley-Holland, F.C.S., barrister-at-law, and pharmacist, was called to the status and degree of Utter Barrister at Gray's Inn, London, on April 24. Mr. Crossley-Holland is the only son of the Rev. M. Holland, F.L.S., Birmingham, and was educated at Tamworth Grammar School and the Sorbonne, Paris. He passed the Qualifying examination of the Pharmaceutical Society in 1900. He was President of the C.A.A. for the session 1913-14, and had in 1908 taken the silver medal and prize for practical work of the Association. Mr. Crossley-Holland in 1914 brought out "The Pharmacy Handbook," in which the professional side of pharmacy is given special prominence; he is also associate-editor of "The Prescriber." He was admitted to Gray's Inn at Easter Term, 1914, and this year passed the Bar Final. Mr. Crossley-Holland has successfully negotiated the First Professional examination for the medical double qualification. When he has time for hobbies, it is travel and music that specially interest him. His activities in connection with the British Pharmaceutical Conference are within the knowledge of a wide circle of friends, who will join in congratulating him on the successful completion of his legal education.



Mr. F. W. Crossley-Holland.

Trade Notes.

Ayrton's Bath-tablets are the special line advertised in this issue by Ayrton, Saunders & Co., Ltd., wholesale druggists, Liverpool.

Amycaine is a local anæsthetic of French origin which is offered to the medical and dental professions by A. Brezet & Co., 145 Wool Exchange, London, E.C. 2.

New Season's Cod-liver Oil.—Allen & Hanburys, Ltd., as stated in their advertisement last week, are in a position to quote for new season's cod-liver oil of their own manufacture.

Fumo-Taracine.—The prices of Fumo-Taracine made by the Coal By-Product Co., 112 High Holborn, London, W.C. 1, have been advanced. The retail prices in future will be 1*s.* 4½*d.*, 2*s* 3*d.*, and 6*s.* 3*d.* when a vaporiser is included, and 1*s.* 1½*d.*, 2*s.*, and 6*s.* without vaporiser.

Montserrat Lime-fruit Juice.—There is at present an ample stock available of this well-known lime-juice. In view of the necessity of providing well in advance for the warm weather, the attention of chemists is called to the advertisement in this issue of Evans Sons Lescher & Webb, Ltd.

Phosphor Paste.—Fredk. Farmer & Co., 1A College Lane, High Street, Homerton, London, N.E., combat the expression of opinion of the correspondent of a Dundee newspaper (*C. & D.*, May 11, p. 36) in regard to the allegation that phosphorus rat-poisons cause fire. Messrs. Farmer have made phosphorus paste for over thirty years and have never heard of a case in which a fire has been caused by this article.

The Lazard Godchaux Co., Ltd., manufacturers of pharmaceutical and chemical products, dyestuffs, etc., 42? Strand, London, W.C. 2, have recently formed a subsidiary company, with offices and competent staff, at Shanghai. British traders who desire to avail themselves of the special facilities offered are requested to communicate with the London office. A new branch office has also been established at 15 Rue Sully, Lyons, France, in order to cope with the increasing demands of that market for chemical-products and dyestuffs.

Information Department.

INFORMATION WANTED.

Postal or telephone information with respect to makers or first-hand suppliers of the undermentioned articles will be appreciated.

80/59, "Radio" balm
77/69, "Extrait The Manchester Girls"—Parfumerie d'Orgemont, Paris. Makers or suppliers
79/4, Dr. Watt's inhaler
78/11, Lloyd's skin-powder (Davenport Brothers)
80/50, "Rubitint"
79/37, "Blue Cross" cold-cream

INFORMATION SUPPLIED.

Inquiries regarding the following articles have been answered. The information as to supply will be given to others who send a stamped, addressed envelope to the Information Department, The Chemist and Druggist, 42 Cannon Street, London, E.C. 4:

"Albion" milk and sulphur soap, 76/731
Ambré perfume, 69/59
Bengue's analgesic balm, 72/50
Bisedia, 43/30
"Bismag," 252/26
Bismuthated magnesia tablets, 69/56
"Bromogen," 247/69
Burgess's ointment, 61/46
Carded goods, 128/40
Cassell's tablets, 70/6
Castor oil chocolates, 69/56
"Creocamph," 47/10
"Cristaline" antiseptic blocks, 24/39
"Curasol" boracic socks, 28/58
Fischer's bunion protector, 44/72
Fripp's toilet-soap, 247/71
"Fructisine," 32/41
Gage's (Paul) antibilious elixir, 243/32
Garfield tea, 61/42
George's pills, 1/42
Hæmaglobin powder, 45/17
Hæmaglobin syrup, 50/13
Harrington's elastic bandages, 71/3
Hippurates, 61/40
James' blister, 76/73
James' depilatory, 76/73
"Java" powder, 46/33
Jayne's liniment, 190/21
Jellax, 66/54
"Jicky" perfume (Guerlain), 50/20
Judson's gold paint, 76/730
"Kascmol," 48/7
"Lenox" nursing-bottle brush, 28/73
"Luckstone" compressed face-powder, 78/15
Lusty's turtle shaving-soap, 51/53
Lutrol, 66/55
Lyeryl, 64/22
Magnesia in blocks, 68/61
Marschesi's "Catholicon," 56/54
Matthew's fuller's earth, 58/71
"Pacolin," 54/12
Palmitic acid, 59/59
"Paraquit" (in tubes), 62/48
Pazomite, 57/7
"Pellanthum," 48/72
"Salrado compound," 49/75
Salter's spring balances, 46/70
"Saxonol," 38/53
"Scorcher" razor-strops, 79/28
Scott's pills, 76/737

Observations and Reflections

By Xrayser II.

I Went to Church

the other Sunday and heard a sermon that interested me. It was about new wine and old wine-skins. These things, said the preacher, are an allegory, and he expounded it thus: "Old institutions are inapt to the application of new ideas; a new force demands new machinery; when you begin to thresh by steam-power you discard the flail; when you electrify your railway you want a new engine. A new State policy demands a new Government, a new doctrine a revised Prayer-book," and so on, and so on. But the sermon was long, and I grew drowsy. Somehow the preacher became a fiery-faced Progressive thumping a table in the Arundel Hotel. "The Council (he seemed to say) is constitutionally incapable of handling a real live business proposition; it is too academic, its main function is education, it is hidebound by a Charter and an Act of Parliament that has become a back number. We want a Trade U"——but here the noise of people getting to their feet awoke me, and I found it was only a sermon after all.

Whatever the Result of the Election

may prove to have been (it has not yet reached me), no previous contest of the kind in recent years has excited so much interest or caused so thorough a ventilation of current pharmaceutical topics. This of itself is a good thing, for it is, let our official leaders say what they will, a sign of life. They tell us that movement may be merely automatic or mechanical, and does not necessarily show vitality. Such talk as this, in such a connection, is simply silly. It must surely be due to a suspicion on the part of those who use it that they are themselves little better than automata (which is possibly true), and in that case the election, however they may look askance at it, justifies itself. But there are no automata in the Progressive Pharmacy Club, and not many, I fancy, in the local Associations. The body is alive, whatever the head may be, and this movement is a movement of new blood that will, if not just now, yet ultimately requicken the brain and arouse its sluggish activities.

One Hundred and Eleven Apothecaries' Assistants

were granted the certificate of qualification on April 22 last. One hundred candidates passed our Minor examination during the year 1917, and of these forty-two were women. Two questions leap out at us: Where are *our* qualified assistants coming from in the future? and, Who are going to be the dispensers of the future? It is at least doubtful whether either the State or the public will think that dispensers without any certified qualification are preferable to those who have the Apothecaries' certificate. If it is concluded that they are not, what will be the result on our status as dispensers? We *must* employ unqualified men if they will not qualify under present conditions. It seems to me that an assistant's examination is just about the pharmacist's most crying want. Why is it opposed at headquarters? Because we would rather risk the employment of unqualified men than the creation of a class of partly qualified rivals in business? That is contemptible.

It is Greatly to our Discredit

that Java has, as you say, killed the cinchona industry in India and Ceylon, for though we started later than the Dutch (even that is discreditable to us, for Royle urged the suitability of the Neilgherry hills years before the Dutch moved) yet we profited by their mistakes and had other natural advantages. The first attempts of the Dutch were not very fortunate, and their selection of plants was a mistaken one, preference being given to *C. Pahudiana*, to the comparative neglect of more valuable species. We, however, began with the latter. Markham was most careful in selecting the best species and specimens, and it was admittedly he who first solved the problem of acclimatisation. The Dutch were quick to learn from us. In a very few years they had abandoned the propagation of the inferior species, and substituted *C. Calisaya*, which was found to thrive better in Java than *C. officinalis*, which best suits the conditions in the Neilgherry hills. *C. Calisaya* and *C. succirubra*, however, are said to thrive best in Sikkim. How is it that with such a start we have let ourselves be beaten? There can hardly be any reason why we should not compete successfully with our rivals.

The Black Sheep

of the pharmaceutical flock were the subject of an outspoken article in THE CHEMIST AND DRUGGIST fifty years ago, upon which I happened to alight the other day, and have read with an interest quickened by my own recollections of the time to which it refers. I could have written a much longer one without exhausting the subject or exaggerating the shady side of the "pharmacy" of the period, with which I was for my sins brought for awhile into an unpleasantly close contact. I have often expressed surprise at the roseate hues in which some of our older men paint "the good old times" of their youth, but have never felt it more than when their reminiscences related to our own craft as it was followed in my post-'prentice days. The better class of pharmacists were, no doubt, as honourable, and perhaps as competent, then as they are now, but the underworld of incompetent and unscrupulous men was much larger, and the general level correspondingly lower. The writer in the *C. & D.* confines his view to two classes, "the better kind of scientific pretender" who exploits a little knowledge in pushing his own more or less worthless nostrums, and the "puffing, underselling trader of the poorer districts," whose methods are perhaps more sordid in appearance only than those of the former class. It can hardly be said that either of these is yet quite extinct, but they are much less rife among us than they were fifty years since, and I do not think we touch the same depth in the worst of them that we did then.

"Botulism,"

the name given to the so-called new disease (which is not so very new after all) is a not very happy formation from the Latin *botulus*, a sausage. It is not, so far as I know, found as yet in our dictionaries, nor can I at the moment think of any other word in which the suffix *ism* has precisely the same value as in it. "Botulism" is not a noun of action formed from a verb, as "baptism" or "magnetism" is; it is not, like "scepticism" or "toryism," an abstract noun formed from a concrete one or from an adjective, as is "pacificism"; nor does it, like "embolism" (from *embolus*, a peg, a stopper, a piston), convey the idea of action similar to that of the article from whose name it is derived. It resembles "voltaism" in having only a nominal reference to its source, but it is not formed on quite the same principle. What it indicates is the concrete result of eating infected sausage or some equivalent substance, but such results are not usually called *isms*—in fact, I cannot, as I said, think of another case.

An Apparent Anachronism,

of a not very important kind, it is true, but still strange (if it be one) in so good an antiquary as Scott, strikes me in re-reading "The Fair Maid of Perth." Henbane Dwining, the arch-villain of the piece, and, one hopes, a caricature rather than a portrait, is first introduced to us as a pottingar, or apothecary, a calling his name is evidently meant to suggest, and is frequently spoken of as such in the later course of the story. But he is also frequently styled a physician and a chirurgeon, and is shown practising as both on his own account, and that too on patients of the highest rank. The period is that of the reign of Robert III. of Scotland (1390-1406). Is it possible that in court circles at any rate the terms apothecary and physician would at that time be thus interchangeably used? It was in 1386 that Chaucer wrote of his physician:

Ful redy hadde he hise apothecaries
To send him drogges.

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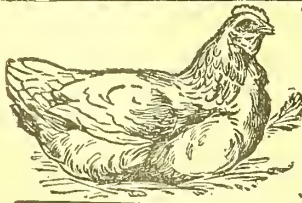

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An announcement of particular interest to you appears in this issue on page 2.

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Editorial Articles.

Military Service.

As announced elsewhere in this issue, the Pharmaceutical Society has set up a Pharmaceutical Central Advisory Committee to deal with the questions of the liability of pharmacists to military service. This, we understand, has been done after consultation with the Ministry of National Service and other Government Departments, but it is not intended to displace the arrangements that have been made for dealing with the problem locally by joint Committees. What is intended is that in cases of a difference of opinion there should be a central body which can be consulted by the Government before particular pharmacists who are held to be indispensable for the proper working of the system of Insurance dispensing join the Army. It must, however, not be considered that no drafts will be made on the rank-and-file of pharmacy; in fact, it has been decided that many assistants who at present hold certificates of exemption will have these cancelled. Those assistants, qualified or unqualified, other than *bona-fide* managers, who were born on or after January 1, 1887, and are in Grade 1 (Class A), will be required to join up except in those cases when such action would involve a breakdown in the dispensing service. This also, it has been stated, is only a tentative arrangement, and further demands may be made upon chemists. With a view of obtaining complete information with which to convince the military authorities of the need of pharmacists for the civilian population, the Central Advisory Committee is sending out a circular to Pharmaceutical Committees asking for particulars in regard to chemists and their assistants in all areas in England and Wales. The replies to these circulars are wanted at once, so that the Committee may be able to deal with this difficult problem in the best manner. Those who are called up for medical examination or otherwise should communicate with the local Pharmaceutical Committee, as it is only in cases of dispute that the Central Advisory Committee takes the matter in hand. The arrangements referred to do not interfere with the rights of any individuals to make applications to Military Tribunals on any of the grounds allowed by the Military Service Acts. In regard to Scotland the General Purposes Committee of the North British Executive and the Drug Tariff Sub-Committee of the Pharmaceutical Standing Committee (Scotland) have hitherto acted as a Central Pharmaceutical Advisory Committee for Scotland on lines analogous to those now arranged for England and Wales. This Committee met in Edinburgh on Wednesday to adjust detail

and make adaptations for carrying out the policy agreed upon with the Scottish Insurance Commissioners and the National Service Department. Instructions have been issued to all Pharmaceutical Committees in Scotland. As in England and Wales, in case of any difficulty chemists should apply at once to the Secretary of their local Pharmaceutical Committee for fuller information, and the Resident Secretary in Edinburgh will always be ready to furnish advice and information.

Narcotic Drugs for Japan.

It will be remembered that in October last the British Government decided to restrict the issue of licences to export morphine or cocaine to Japan to applications accompanied by certificates obtained from the approved Japanese authorities to the effect that these narcotics were for actual consumption in Japan or Dairen and its vicinity, and for medicinal purposes only. This action was, of course, brought about by the result of agitation in and out of Parliament, because the quantities exported bore no relation to what might be considered the needs of Japan for legitimate medicinal purposes. As is well known, the bulk of the exports formed the basis of a lucrative traffic carried on by Japanese traders among the Manchurian population, but since the new restrictions were issued the exportation has been whittled down considerably, and very few permits are being granted. We give below the imports of morphine hydrochloride and sulphate, also cocaine hydrochloride, into Japan month by month during the past three years:

Morphine.

—	1915	1916	1917
	oz.	oz.	oz.
January	14,258	42,105	62,219
February	18,984	30,956	60,706
March	12,328	44,562	45,797
April	14,991	31,938	25,089
May	26,848	80,544	69,197
June	44,889	45,941	64,521
July	25,345	11,814	50,331
August	39,876	56,914	65,388
September	46,251	50,281	88,215
October	38,923	19,653	26,195
November	31,209	83,099	16,397
December	44,641	61,005	26,174
Oz.	358,543	558,812	600,229
Value (yen) ...	2,415,139	3,850,812	5,077,841

Cocaine.

—	1915	1916	1917
	oz.	oz.	oz.
January	485	10,786	11,262
February	4,802	7,896	7,666
March	4,834	9,564	9,442
April	7,330	4,859	6,875
May	7,834	7,941	6,274
June	7,009	788	8,725
July	6,527	5,818	5,538
August	8,013	4,691	5,480
September	3,332	5,144	10,299
October	8,606	2,176	8,542
November	4,049	7,116	5,146
December	5,545	11,496	4,800
Oz.	68,366	78,275	90,049
Value (yen) ...	367,212	577,825	955,318

The 1917 figures for both morphine and cocaine are the largest on record, the morphine figures representing over 16½ tons, in spite of the fact that the imports fell off considerably during the last three months of the year as the result of the restrictions. The Anti-opium Committee of Edinburgh should be satisfied with the results already obtained, but even now the figures show that Japan herself is a large consumer of morphine for "medicinal purposes." Meanwhile we understand that the cultivation of opium and the manufacture of morphine in Japan are increasing, and as a handsome revenue is derived by the Government, it is unlikely that much attention will be paid to feeble agitation. In the "Financial and Economic Annual of Japan" for 1917 we notice the fact that although the number of licensed opium-smokers in Taiwan (Formosa) decreased to 66,847 at the end of 1916, yet the value of the opium imported was 3,724,131 yen, or about 418,000*l.*, these figures being the largest in value for the past ten years. The amount of profit obtained by the Government from the opium monopoly is not recorded, but there is evidently plenty of work to be done by the Anti-opium Committee in Formosa alone.

Plural Voting.

A Few Weeks Ago an employé of Boots, Ltd., was "pained" to read a suggestion in the *C. & D.* that Boots, Ltd., were not altogether disinterested when they paid the subscriptions to the Pharmaceutical Society of several hundred of their employés. Our correspondent will no doubt be further pained by the letter which Boots, Ltd., have sent out, suggesting the names of the candidates for whom their employés should vote. We do not wish it to be understood that we think Boots, Ltd., are not justified in what they have done: we merely mention the matter as a confirmation of the view that modern companies do not pay out large sums of money merely *pour les beaux yeux* of the President and Council of the Pharmaceutical Society.

Confirming the Curriculum By-laws.

It is interesting to note that the by-laws which are to shackle assistants with an expensive curriculum before they can present themselves for the Qualifying examination were not confirmed without a protest. As was noted last week (*C. & D.*, May 11, p. 46), the Thames Valley Pharmacists' Association has taken up the cudgels on behalf of assistants on the ground that about 500 of them are at present engaged in the war and unable to defend themselves effectively against attacks upon them by the Pharmaceutical Society. Another objection to the confirmation of the by-laws was that proper notice in accordance with the by-laws was not given to the members as to the subject of the special general meeting. The notice merely contained the words:

> "The proposed new by-laws were published in the 'Pharmaceutical Journal' for February 9, 1918."

The Charter requires that due notice must be given of the purposes for which the special meeting is convened, this being translated by the by-laws:

> "Summonses, Notices, or Advertisements convening annual or special general meetings shall be given not less than ten clear days before the day thereby appointed for the meeting. All other summonses, notices, or advertisements shall be given not less than three clear days before the day thereby appointed for the meeting, *and in all the said cases there shall appear notice of the general nature of the business to be discussed at the meeting.*"

Whether the notice was given on the leaflet sent to members is the point in dispute. When Mr. Higgs, J.P., raised the point at the meeting, the President, as was to be expected, decided against him, and the meeting carried the by-laws without amendment. These have now to be submitted to the Privy Council for confirmation, but it is not too late for aggrieved persons to place their views before the Privy Council. This is the only way the Privy Council has of obtaining the feeling of the trade upon the matter of alterations in the by-laws, and therefore it is the duty of those who differ to write promptly to the Privy Council.

PHARMACEUTICAL SOCIETY OF GREAT BRITAIN.

SEVENTY-SEVENTH ANNUAL MEETING.

London, May 15.

The seventy-seventh annual meeting of the members of the Pharmaceutical Society of Great Britain was held on the afternoon of Wednesday, May 15, at 16 Bloomsbury Square, London, W.C. The chair was occupied by Mr. Edmund White (the President), and supporting him were Mr. J. F. Harrington, Mr. Quarrell (Solicitor to the Society), Mr. W. J. U. Woolcock (Secretary and Registrar), and Mr. W. S. Glyn-Jones, M.P. (Parliamentary Secretary); and occupying front seats in the theatre where the meeting was held were members of the Council.

President's Address.

The Secretary having read the notice convening the meeting,

The President asked if members would, in accordance with their usual custom, take the annual report and the financial statement as read. (Cries of "Agreed.") In presenting the report, he went on to say, it was his duty as President to offer a few comments upon the various subjects with which it dealt. He was very pleased indeed to be in the position of being able to present what he considered so satisfactory a report. That was the fourth occasion upon which he had occupied the chair at the annual meeting, and he regretted to say that it was the fourth occasion on which they had overshadowing them the terrible war which had, of course, exercised such a tremendous influence upon the activities of the whole community and of those of the Society in which they were all interested. The war had not made the work of the Council easier, and as they knew, it had not made the conduct of ordinary business any easier; but notwithstanding all those adverse influences, he was perfectly satisfied, the Council were perfectly satisfied, and he believed the members of the Society were perfectly satisfied, that the affairs of the Society are in a very prosperous condition. He thought he could say so because their financial position is good. There are people who wished to suggest that their financial position is not sound, but he, as President, was perfectly satisfied with it, and if he said it was satisfactory he expected them to follow and believe him. (Laughter and "Hear, hear.") He would say this in cold blood, that if the Society were required to exist for seven years longer with the funds presently at its disposal it could do so with its present reserve and without borrowing. He would go further, and say that if they had to borrow they could get the money freely from members of the Society on advantageous terms, notwithstanding the condition of the money market. (Hear, hear.) He asked them to take these assurances from him for what they were worth, and use them against him if they liked on some future occasion. His deliberate opinion that day was that the financial position of the Society was absolutely sound, and just so soon as conditions became normal and they could resume for the Society their ordinary course of action the Council would have plenty of money at their command. The future Council would find ways and means of spending it, and let them hope that that Council would do so as wisely as the present Council had done.

Increasing Membership.

Another reason he had for feeling that the report was satisfactory was that the membership of the Society was the highest on record. (Hear, hear.) Now, people did not put money into a dying business. He never did so, and he took it that the fact he had mentioned was one of the chief indications of the confidence members had in the Society. Up to the time when the annual report was drafted the increase during the past year had brought the total membership up to 9,484. He remembered the time, not long ago, when it was between five and six thousand. He was not going to claim any more than he had claimed on other occasions, and he would say nothing of what the Society had gained during the four years he had occupied the position. They could draw their own conclusions, and he did not wish to force any impressions upon them. When he first became President he had reason to hope that he would remain in the position till the Society had attained a membership of 10,000. Well, it seemed as if he had reached his Mount Pisgah. (Laughter.) He was satisfied with the success of his prediction that the membership would reach 10,000, and he held that they could draw their own conclusion from that fact that the Society was doing good work for the pharmacists of the country. The fact was recognised by the craft that the Society is working for the protection of the interests of its members. They could tell him later on whether or not they agreed with him, but they could not tell him that day. Then another point which encouraged him very much was the general interest taken in the affairs of the Society. The various Associations throughout the country are in intimate touch with headquarters. The Council received valuable information from all the Associations, and reciprocated by giving them all the information in their power. They were giving the Council loyally and liberally, without any hesitation, all the assistance that they asked from them—(hear, hear)—and if they were not satisfied with this they were very difficult to please indeed. The Council had every reason to congratulate itself on being in such close touch with the members, and it was pursuing a satisfactory cruise in very troubled waters.

The Examinations.

Taking the various items mentioned in the report in their order, he had first of all to refer to the examinations. On them he had not much to say. They were watching developments very anxiously, because they recognised that after the war there were going to be conditions which did not prevail before it, and they had got to be sufficiently elastic in their temperament and in their treatment of them so as to be able to take advantage of the altered conditions and make the best they could of them. They did not propose, and had not proposed since the war, to alter their examinations at all, but he could foresee the time coming when the Council would have seriously to consider the syllabus of the Qualifying and Preliminary examinations. He could foresee the time coming when the Preliminary examination would disappear. As they were aware, ambitious schemes of improved education are occupying the attention of the Government, and these would come before them in definite form at no distant future. He was hoping the time would come when every boy and every girl would leave school with some tangible evidence of possessing a sound education, and when they would not have men and women of mature age coming before the Council with some difficulty with regard to preliminary education. It was his earnest hope that the improved system inaugurated by the Government would in this way very much reduce their difficulty with regard to subsequent technical education. Some conversation had taken place with regard to the Major examination, and he did not mind saying that in his opinion, and he thought the Council would agree with him, to-day that examination was not quite in touch with the times. (Hear, hear.) But when he had said that, do not let them think that the present was the time to alter it. They did not fully realise what the conditions are to-day, and he did not know what they would be next year, but one recognised that there is a necessity for progress, using the word in its pharmaceutical sense. There is need for progress in this connection, and he thought that sooner or later they would have to face an alteration in their Major syllabus in order to bring it more in touch with the times. The Council had the matter in hand, and when the proper time came they would be quite capable of dealing with it. With regard to the Registers, there was not much of interest to call attention to except that the number of student associates of the Society had increased. He did not know whether one might draw any conclusions from that, but he thought that the increase was due to the fact that so many of the students who had entered were women. Possibly women had a keener sense of the value of the benefits offered by the school than men had.

The School of Pharmacy.

Then with regard to the school, it was only natural to expect that they should have a diminished attendance owing to the absence on active service of the men of the age of those who usually attended, and they had to carry on as well as they could. He thought he might tell them in confidence that the resources of the school had not been applied mainly to the teaching of students; they had been employed in connection with things which were much more important at the present time than the education of pharmaceutical students. As the professor had mentioned in connection with the research department, the scholars and a large body of the students had been engaged in doing

work of very high national importance. He did not tell them anything about it, but he (the President) relied on their common sense to understand that one could not say what was being done. He only asked them to take the fact down in writing and use it later on. He assured them that the work that had been done for the various Government Departments was of the very highest importance, and they had received letters from the Departments concerned indicating that the work had been very highly appreciated. He thought they would agree with him in saying that in this respect the school is doing valuable work, and that they are satisfied in its continuing to do it as long as it is necessary. One other point in connection with the school is that the arrangements which had been made for the teaching of microbiology are proceeding very satisfactorily. From that experiment of course the Society and the Council hoped to obtain sufficient material to enable them to decide at a future date if any extension of the work is necessary. While he was on this subject he would ask them not to ever forget that they recognised that the function of the Society as an examining body was a very important one. They must never forget that unless they are an educating body they are not fit to be an examining body. There are some people who think they spent a lot of money on the school, but he had to tell them that it is a good business investment, because if they ever ceased to be an educating body they would certainly become an inefficient examining body. From that point of view, then, the school was a necessary part of the Society if the Society was to remain as an examining body. (Hear, hear.)

Insurance Dispensing.

The next item in the annual report related to National Health Insurance, which was a very difficult subject for the Council to deal with. It was a problem that would never be solved to the satisfaction of everybody. They would agree with him when he said that none of them received the remuneration they deserved under the scheme, and it was the function of the Council to get as much for them as they could. This year the Council succeeded in getting an advance of 50,000*l*. A very small calculation would show that this represented 5*l*. per head for every chemist on the panel—not a bad return for one year's subscription. (Hear, hear.) That money also went to the men who did not subscribe, but this, of course, they could not help. Nevertheless, it was a fact that 50,000*l*. had been obtained during the past year, and the Council had set up a Tariff Sub-Committee which still continued to collect information with reference to work under the National Health Insurance scheme. One most important feature of the Bureau in connection with the Insurance problem was that it rendered to the Council assistance and information which would otherwise be unobtainable. It obtained for the Council figures and facts relating to the actual work which were of the utmost value. Then they were in a position of obtaining the help of Mr. Mallinson, who is an expert in Insurance problems, and is in possession of all the facts which are of most service to them. In this way the Bureau is performing a most useful function.

Pharmaceutical Education.

Then on the subject of education, a good deal could be said of what was going on to-day and what had been done in the past. It had been calculated, he thought with a fair amount of accuracy, that the Society had from first to last spent something like 100,000*l*. on education and on endowment of education, in the sense that it had spent on the school more money than had been returned in the form of fees. Well, he thought that policy had been recognised by the best elements of pharmacy, and had been amply justified by results. To-day it was more than justified by the result. He had referred a few minutes previously to the question of examination. As they were aware, it was proposed in the new educational schemes that, following the preliminary education of boys and girls, facilities should be afforded of providing them with technical education from the age of sixteen years upwards. The time had come when the Society must carefully look at this question, and it was fairly entitled to claim that, having done all this pioneer work, it should take full advantage of what the State would provide, and so relieve itself of the burden which it had so ungrudgingly borne in the past. In all probability the educational proposals would provide that after boys and girls left school they should attend continuation and technical schools up to the age of eighteen or twenty-one. It was the desire of those who interested themselves in the question that they should find all classes of the community working side by side in the laboratory or in the workshop. They should endeavour so to formulate the scheme that the students who contemplated engaging in pharmacy should have facilities for working in those technical schools under conditions which were satisfactory from the Society's point of view. In that way the Society would eventually be able to secure for its students proper education in the State-aided schools, so that as an educational body it could devote the whole of its means and energies to pharmaceutical education in the more technical sense. That was what they looked forward to. He did not think that the Society should be burdened with the cost of educating its students in chemistry, physics, and botany as it had been in the past. It is the business of the Society to see that the facilities that would be afforded by the State in these respects were so worked and arranged that its students could, in common with those of other professions, take full advantage of them, as it would be the privilege of every other section of the community to do. Under those conditions he thought that what would happen was that the schools of pharmacy, whether the school of the Society and schools in connection with the Universities or the private schools, would become schools of pharmacy in the strict sense of the term, devoting themselves entirely to the technical side of their business. That was the view of the Society, and, as they were aware, the Council was watching the educational movement and the proposals that were being submitted to the House of Commons as closely as it could to see to it that the pharmacy side of the case was properly presented so that ultimately future students of pharmacy would be enabled to take full advantage of the schemes of technical education which would be promulgated under Parliamentary sanction. The subject had been occupying the attention of the Council a good deal, and he thought he might leave it at that, and next deal with

The Question of Curriculum.

This subject would be dealt with at the special meeting which would follow this one. The measure submitted by the Council was of a tentative nature, and he thought it was quite right that it should be so. The evidence they had gained went to show that there is a pretty settled consensus of opinion that the time has come when they should have a curriculum established. The opinion as to what it should be is not so unanimous, but he was glad to say that they are nearly all agreed that they should have a curriculum of some sort. Well now, the difficulty was to know what curriculum fitted the case, and the Council regarded the matter in this way, that if the Society were to obtain power to propose a curriculum it should be such as would allow them sufficient elasticity to adapt it to the needs of the times. He thought it would be a most disastrous course if the Council, moved by educational bias or—might he say?—taking too academic a view of the matter, were to insist upon conditions which could not be complied with in a reasonable way throughout the length and breadth of the country. The policy adopted by the Council was, he thought, the correct one. As he had pointed out, the scheme put forward was tentative in its character, and afforded the Council powers to improve and alter the curriculum as the necessity of the times justified. It also enabled them to take advantage of the future educational facilities which would be provided throughout the country. It had sometimes been said that they would not get any apprentices if they instituted a curriculum. There is a certain amount of truth in that if the curriculum were pushed too far. He remembered that when he was apprenticed some thirty years ago the curriculum then suggested was a perfectly impossible one. It seemed a beautiful scheme on paper, but it could not be carried out in practice. The Council did not want to make any false step of this kind, and he thought they had acted quite judiciously in proposing by-laws, to be approved by the general meeting of the Society and subsequently by the Privy Council, which would start the curriculum on a modest basis and at the same time provide for improvements as conditions altered and the educational needs of the country justified. They did not know what the outcome of the new Education Act might be, but, whatever it proved to be, the Council had taken power to act in a drastic manner in extracting from the schemes to be provided under it full advantage for their students. They were looking forward to the time when facilities would be afforded for giving the students sound scientific education and technical training, and in that way they should secure for them the best possible results. Now, with regard to the

Pharmaceutical Service in the Army,

the Council had very carefully considered all the points at issue, and at the present time a Committee representing the Society was working, in conjunction with the Royal Army Medical Corps, on the study of the conditions of pharmaceutical service in the Army. The object was to remedy the existing conditions so far as they could be

remedied. They were all aware of the obstacles which stood in the way of the nation making full use of the services of pharmacists who had joined the Army. But they all realised that the middle of a great war is not an opportune time to make changes of a drastic description, great as the need of these changes might be. The Council, however, had collected all the evidence that could be obtained with reference to the anomalies which existed under the present system, and had submitted the pharmacy case to the Army authorities, who now had them under consideration. He thought they might say with some little certainty that, whatever happened, things would not be allowed to continue as they are. The British Army stood by itself as a sort of separate constitution, and if anybody attempted to reform the British Army he had a big task to undertake. The whole of the difficulties in connection with pharmaceutical service in the Army are rather complicated by the anomalous relation of medicine to pharmacy in this country. They could point to the Continental armies, where the position of the pharmacist was defined and more satisfactory than it was in the British Army; they could also point to our Colonial contingents, which had a more satisfactory pharmaceutical organisation than our own. These are useful facts, but when they came back to our own Army they found the position of the pharmacist dominated and controlled by the anomalies which obtain in the relation of medicine to pharmacy. They could not get away from it. Medicine and pharmacy never have been properly related in this country, and therefore they could not be properly related in the Army. The Council hoped with some measure of confidence that some good would result from the work that was being carried on. Of this he was sure—that the position would never be as it has been in the past, and that in due course they would see a very great improvement not only in the position of the pharmacists in the Army, but a very great benefit to the Army in the proper use of pharmacists. (Hear, hear.) The next paragraph in the report to which he would refer was

The Question of Organisation.

That was a word that had been in very frequent use during the last few years, and he hoped that before they left the word they would see organisation carried to perfection. The Council was so impressed with the importance of the question that it some time ago set up a strong Committee to deal with it. The Committee had been sitting for several months, and had invited evidence from anybody and everybody who was willing to give it. They had listened to that evidence with patience, and had endeavoured to get every assistance they could from it. They had taken the most painstaking view of their duties, and the report which they had submitted was now under the consideration of the Council. He hoped the outcome would be a marked improvement in their organisation. He could only say that as far as he could see the organisation of the Society on its present basis had served a very useful purpose. It had served the purpose of keeping every member of the Society in touch with the Council. It enabled every member to know what the Council was thinking about, and it also enabled the Council to know what was in the minds of the Associations. To him this appeared one of the essential points of organisation, but whilst the present organisation seemed to have answered this purpose, this was far from saying that its design meant finality. Whatever change might take place, there was no doubt that the present system of organisation had served in the past this useful purpose of bringing the Council into close touch with the members of the Society. In this connection he might particularly refer to the question of military service. The Council had been enabled to convey to the local Associations suggestions as to what should be done, and as a complement to that the local Associations and pharmaceutical bodies had reciprocated by affording the Council very useful information, and in this way had done their work right well and very usefully. He did not think he need say much more since the report was before the Council, but he thought he might go as far as to say that one of the chief points which was brought home to the Committee was some sort of demand for territorial representation. Frankly and freely, he personally had been opposed to territorial representation simply for this reason—that when he looked at the Council he found that it happened to come out more or less to be a territorially represented body, and that to enforce a system of territorial representation seemed to him unnecessary. It seemed to him to be pretty clear from the evidence submitted to the Committee that there were other advantages of territorial representation, particularly in this direction, that it made members responsible for certain districts. He put it not that the member should be responsible for the district that he represented, but that the district should be responsible for the member it sent. If they divided the country up into districts it would be the business of the pharmacists in these districts to select the best men they possibly could find. In that way they might get the best men to represent them centrally on any body set up. The Committee had to face one serious difficulty in carrying out the proposal, and that was the question of Charter and by-laws. Without altering these it might have been difficult, and, of course, none of them would wish the Society to introduce a Pharmacy Bill into the House of Commons at the present time. Indeed, they would follow him, he believed, when he said the present was not the time to do such a thing. From a national point of view it was foolish and ridiculous to attempt anything of the sort, and from the Society's point of view he did not think it would be advantageous to do so. He hoped the suggestions of the Committee would result in some improvement in the organisation and in some good to the Society. With regard to the legal work of the Society there was nothing new to say. The inspection of shops went on, and with satisfactory results so far as the exhibition of certificates was concerned. There had been no legal action of any far-reaching importance, and he thought he was right in saying that the Society never lost a case, which was attributable to the careful selection that was made of cases for prosecution.

The Military Service Acts

are things which very closely affected the well-being of pharmacy to-day. They must not forget that there were two sides to the question in pharmacy as well as in other classes of the community. It should be frankly admitted that it should be the business of the Council to see that the burdens necessarily imposed by these Acts were even and fairly distributed, and he hoped that the steps taken by the Council would be found to have secured that result. They were all aware that the question to-day was alternated by the misuse of pharmacists already in the Army. (Applause.) They knew of cases where men had been taken for the Army and were put to the performance of duties which were foreign to their training and were very often of a trivial and stupid character. (Hear, hear.) What they aimed at, and what they hoped to accomplish, was that every pharmacist who went into the Army as a pharmacist was used as a pharmacist, and that everyone who entered the Army as a pharmacist and was not used as a pharmacist should be returned for the proper uses of pharmacy. (Hear, hear.) They would observe from the paragraph in the report dealing with the subject that steps were being taken to set up a Pharmaceutical Committee to work in conjunction with the National Service Department and the National Health Insurance Commissioners and to act in an advisory capacity. It was the desire of the Council to see to it, so far as they could, that the incidence of these very severe measures would fall justly and equally upon all sections of the community. That day he could report to them that the Committee had been set up, had already met, and had already secured very satisfactory results in the direction he had indicated. Information is being collected to enable the Committee to deal with a variety of problems which would arise after the war, when the question of demobilisation would have to be dealt with. There is no use of the Committee making representations to the authorities unless they had full information to cover every particular. References were then made to the "Journal," the retirement of Mr. Woolcock, the Benevolent Fund, and honours gained by those connected with the Society.

Spirit-duty.

Touching next on Parliamentary matters, the President said that Mr. Glyn-Jones had saved the situation so far as the spirit-duty was concerned. It had been secured that alcohol used in pharmacy was to be freed from the additional spirit-duty. In the case of immature spirit chemists were entitled to relief of the duty of eighteenpence a gallon. In the case of matured spirit the duty amounted to a sum somewhere in the neighbourhood of 30*s.* a gallon. Had the whole of this been charged it would have been a very serious fact for pharmacy. But Mr. Glyn-Jones had saved the situation. He had no difficulty in showing and convincing the Government that it would be a distinct hardship on all pharmacists if such a duty were levied on all spirit used *bona fide* in the preparation of medicines. It was pointed out that the extra duty should not be imposed on spirit used in pharmacy. Finally, the President made suitable references to the members who had died during the year. The President then moved that the annual report and financial statement be received and adopted.

Mr. Harrington seconded the resolution.

Discussion.

Mr. A. Higgs expressed his satisfaction with the report, and added that he hoped the President would realise his expec-

tation to see the membership increase to 10,000 before he left office. It was satisfactory to notice that there had been such an improvement in the examination results without any curriculum. So far as the National Insurance scheme was concerned, he hoped that within the very near future adequate remuneration for the pharmacist would be forthcoming. With reference to the financial statement, he should have liked to see the assets of the Society written down to their actual market value. He pointed out that 2½ per cent. Consols which originally cost 1,367*l.* were at the present time worth not more than 673*l.* He thought such stock should be inserted at the actual market value so as to represent accurately the financial position of the Society. (Applause.)

Mr. W. A. H. NAYLOR, commenting on the observation of the President with reference to education, said that as an old student he should be exceedingly sorry to see the Society discontinue the teaching of such subjects as chemistry, physics, and botany in the school, for he doubted whether, in their relation to pharmacy, they would be taught as well outside. (Hear, hear.) Then again, if they were discontinued there would be so little left to be taught in connection with pharmacy that the Society would lose a great deal of its prestige. The President's reference to his Pisgah was a little pathetic and a little tragic. At the same time, it was the hope of all of them that he would realise his highest expectations. They hoped, however, that it would not be his Pisgah in another respect—that it would mean his decease so far as his present position was concerned. (Applause.)

Mr. G. J. KNIGHT also addressed the meeting. He maintained that everything had not been done that might have been done in the cause of pharmacy. There had been a great deal of talk about education. Education was all very well, but it might be carried to an extent where people would have their teeth drop out before they were able to earn anything to use them with. (Laughter.) It all amounted to this—that the wholesale druggist was to be their master more than ever. They could not get at the Inland Revenue in order to get the rebate to which they were entitled on the spirit they used, and so they had to buy their tinctures and everything else ready made. At present the pharmacy was merely a counter of pellets and tabloids. The policy followed had been one of "wait and see," and this had been pursued by the Society for the past forty years. It was getting worse instead of better. (Laughter.)

Mr. J. T. BARRETT remarked that he had been a regular attendant at the annual meeting for the past forty years, and it seemed to him as if that day he had listened to the same report and the same President's speech as he did forty years ago. (Laughter.) There had been gentlemen returned as Progressives to the Council. When seeking election they promised to re-kindle life in the Pharmaceutical Society and entirely change the policy which had been followed for so many years. But when they got on the Council they found that its members were not such a one-eyed body as they had supposed. The conclusion to which he had come was that the men who were to make such terrific changes were not worth the trouble members had gone to to put them there. (Laughter and applause.) He believed the policy pursued by the Committee had been a consistent as well as an essential policy. He was not one of those who cared to say there were no brains in pharmacy. The President had proved by the honours which members of the Society had won that there are brains in pharmacy. He was sorry they were losing Mr. Woolcock, but he was not one who believed for one moment that there were not other fish in the sea that they could catch. (Laughter.)

The PRESIDENT, replying to the discussion, said that if Mr. Higgs wished the Society to be absolutely rigid with reference to the assets they must write up as well as write down. The Council did not deceive themselves as to actual values. They had valuable property, the capital value of which had enormously increased; it would involve an outlay of 50*l.* or 60*l.*, and possibly 100*l.* a year to have the property revalued and bring the value up to actual market estimates. Mr. Naylor would agree with him that it would be unwise for the Society to spend its funds in a vain competition with a publicly supported system of education. With reference to spirit-duty rebate, it was astonishing to find the small number of people who availed themselves of the title to claim it. (Applause.)

The adoption of the annual report and financial statement was then unanimously agreed to.

The Secretary read the names of the Scrutineers (including three ladies) nominated in connection with the counting of the votes for the election of members to vacancies on the Council.

The auditors were then appointed.

In accordance with requirements of the Act of Parliament the President intimated that the Registers were open to inspection.

The annual meeting then stood adjourned till the following day, when the result of the Council election would be declared.

Special General Meeting.

THE Secretary having read the convening notice, the adoption of proposed new by-laws was formally moved by the PRESIDENT, who briefly stated that in accordance with statutory requirements they had been read at three Council-meetings, and would, after being passed by the present meeting of the Society, be forwarded to the Privy Council for its sanction. [The substance of the changes was given in the *C. & D.*, February 9, p. 39.] The motion was seconded by Mr. J. F. HARRINGTON.

Mr. HIGGS (Kingston-on-Thames) rose to a point of order. He held that the notice convening the meeting was irregular and invalid. In Section XII. of the by-laws it was laid down that "the general nature of the business" was to be stated in every such notice. The notice in question was published in an issue of the "Pharmaceutical Journal" three months ago, and even then was not published as a separate notice, but merely formed part of a report of a Council-meeting, where few members would look for it. Some pharmacists did not know that the question of a curriculum was to be discussed that day.

The PRESIDENT having ruled that the notice was regular and in order, Mr. HIGGS rose to oppose the motion. The middle of a great war, he said, was not the time for innovations. Five hundred members of the Society were away on active service, including most of the young men. He was in favour of a curriculum, but not at the present juncture. The scheme of 1911 was disapproved of after full discussion. The present scheme had not been discussed; there was not even an editorial article on it in the "Pharmaceutical Journal," and the election candidates had said very little. (Some dissent.) He would propose, as an amendment, that the consideration of the proposed by-laws be adjourned till after the war.

The PRESIDENT pointed out that the amendment had the force of a direct negative to the resolution, which was that the by-laws be "now adopted," and held that a vote on the original resolution was preferable. Mr. HIGGS having unsuccessfully attempted, as an alternative, to get the meeting adjourned, several members followed with brief speeches of a somewhat desultory character, among them being Messrs. WRIDE (Southampton), LLOYD (London), and KNIGHT. A useful piece of information, however, was elicited by Mr. KIRKPATRICK (Upton Manor), who obtained from the President the assurance that the question of the life-membership fee, referred to at the annual meeting of 1915 (*C. & D.*, I., 1915, p. 679), was under consideration; and Mr. BENSON HARRIES (Newport) made a timely plea for the fair and equal recognition of schools of pharmacy.

Replying to the various speakers, the PRESIDENT said that the proposed alterations were on a modest scale. He confessed that he had a weakness for seeing them passed during his presidency. All the teachers who had been consulted were in favour of a curriculum.

Mr. HIGGS urged, by way of a final thrust, that he objected to giving the Society powers in the nature of a blank cheque. The motion was then put and carried, he being the only dissentient. Having unsuccessfully demanded a count, he gracefully moved a vote of thanks to the President, who, he said, had been quite impartial in conducting the meeting. Mr. J. T. BARRETT (London) seconded, and the vote was carried unanimously.

Council-meeting.

A SPECIAL MEETING of the Council was held at noon on May 15 at 16 Bloomsbury Square, London, W.C., Mr. Edmund White (President) in the chair, to receive a report from the Parliamentary Secretary (Mr. W. S. Glyn-Jones) on the Pharmaceutical Central Advisory Committee.

Mr. GLYN-JONES related the steps that had been taken in accordance with a resolution passed at the Council-meeting of May 1 (*C. & D.*, May 4, p. 38), and gave particulars as to the composition and functions of the Advisory Committee (which was recognised by the Government) and as to the new situation created by the Military Service Act (No. 2), 1918. After he had answered a number of questions, a general discussion took place on the composition of the Committee and the bearing on pharmacists and their assistants of the latest developments in the requirements

for military service. Messrs. Parry, Skinner, Deakin, Hines, Jenkin, Rowsell, Sargeant, Campkin, Neathercoat, and Currie dwelt on various aspects of the matter: and after the President and Mr. Glyn-Jones had given further explanations the constitution of the Committee was confirmed.

Adjourned Annual Meeting.

The counting of the votes for the candidates for the Council was this year delayed until Thursday. The scrutineers had not finished their work until 4.30 o'clock, the following being the result:

Guthrie, Thomas	3,610
Sargeant, F. P.	3,508
Neathercoat, E. T.	3,389
Wolff, Hugo	3,119
Buchanan, Margaret E.	3,027
Campkin, A. S.	2,941
Keall, John	2,894
Gibson, F. J.	2,795
Kirkpatrick, Jas.	2,550
Melhuish, A. R.	2,535
Ridyard, C. W.	2,466
Joseph, Leo	1,551

The first seven were declared duly elected. Mr. W. L. Currie was Chairman. Out of 8,987 voting-papers sent out 5,907 were returned, of which 121 were either informal or too late, leaving 5,786 effective papers.

A vote of thanks was given to the scrutineers.

Trade-marks Applied for.

The figures in parentheses refer to the classes in which the marks are grouped, for a list of which, with particulars as to registration, see "The Chemist and Druggist Diary," 1917, p. 220.

(From "The Trade-marks Journal," April 10, 1918.)

"Milton" on diamond-shaped device ("Milton" disclaimed); for disinfecting-fluids (2). By Milton Manufacturing Co., Ltd., 125 Bunhill Row, E.C. 1. 381,513. (Associated.)

"Ebonette Brand Liquorice and Menthol Pellets"; for medicinal chemicals (3). By Bishop's Pure Drug Co., 460 Holloway Road, London, N. 7. 380,340.

"Mum Brand Pharmaceutical Preparation"; for a perspiration deodoriser, etc. (3). By S. J. Deal, 2235 Georges Lane, Philadelphia. 381,543. (Associated.)

"El Tanque Todo Lo Avasalla" with picture of "Tank"; for food substances (42) and for goods (47). By Scriven Brothers & Co., 40 Weston Street, London, S.E. 1. 380,701/2. (Associated.)

"Honeysugar" on circular label device; for sugar extracts (42). By Garton, Sons & Co., Southampton Wharf, Battersea. 380,947. (Associated.)

"Gamsac"; for flavouring and sweetening mixtures (42). By A. W. Gamage, Ltd., Holborn, E.C. 1. 381,431.

"Biddy"; for foods (42). By J. Thompson & Sons, Ltd., Gamble Street, Belfast. 381,996.

"Sodacil"; for all goods (47) and (48). By T. Hedley & Co., Ltd., City Road, Newcastle-on-Tyne. 381,113/4.

"Savol"; for stain removers, etc. (47). By Wm. Edge & Sons, Ltd., 50 Raphael Street, Bolton. 381,155.

"Speedwell Perfumed Soap," etc., on square label ("Speedwell" disclaimed); for soap (48). By J. Mellis & Co., High Street, Prestonpans. 381,051. (Associated.)

"Phelonia"; for toilet articles (48). By Nan H. Phelps, 121a Victoria Street, S.W. 1. 381,328.

"Osis"; for all goods (48). By Boraleum, Ltd., 58 Hanover Street, Liverpool. 381,527.

"Truval"; for perfumery, etc. (48). By J. Wood, 158 Poulton Road, Seacombe, Wallasey. 381,670.

Coming Events.

This section of the "C. & D." is reserved for advance notices of meetings or other events. These should be received by Wednesday of the week before the meetings, etc., occur.

Tuesday, May 21.

Ealing Pharmacists' Association, Buol's Restaurant, at 8.30 P.M. Annual meeting.

Wednesday, May 22.

Western Pharmacists' Association, Frascati's Restaurant, Oxford Street, London, W., at 8 P.M. Annual meeting.

Friday, May 24.

Royal Institution of Great Britain, Albemarle Street, Piccadilly, London, W., at 5.30 P.M. Lieut.-Colonel A. G. Hadcock on "Internal Ballistics."

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Trade Report.

42 Cannon Street, E.C. 4, May 16, 3 p.m.

Business conditions remain much as previously reported, the changes in market values having been few and of no great moment. It is still difficult to procure licences to import certain pharmaceutical chemicals, and on this account trading continues restricted. The output of English aspirin continues to increase, and prices are a shade easier; the same applies to salicylic acid, values of which are being cut. Agar-agar is steady and in fair demand; albumen is tending higher. Refined camphor is quiet. Russian cantharides are firmer. Lofoten cod-fishing results are the poorest since official statistics were recorded. Ergot is still scarce, but shipments from Spain are shortly due. Lanolin is dearer in some quarters owing to the advance in wool-fat. Lycopodium is rather cheaper owing to arrivals in the North. Menthol is quiet; and milk-sugar is as scarce as ever. Canary-seed is slightly easier; coriander and fenugreek-seeds are lower. Chaulmoogra oil is extremely scarce. Arsenic continues to show a downward tendency, and copper sulphate is extremely dull. Cream of tartar is quiet, and in view of arrivals has an easier tendency. Uncontrolled saccharin continues in demand, and is again dearer.

Higher	Firmer	Easier	Lower
Albumen	Cantharides (Russ.)	Aspirin	Caffeine
Peppers	Citric acid	Canary-seed	Coriander-seed
Saccharin (imported)	Lanolin	Cream of tartar	Farina
	Lemon oil	Menthol	Fenugreek-seed
		Potash permanganate	Isinglass
			Lycopodium

Cablegram.

New York, May 16.—Business is quiet. Oil of gaultheria has been advanced to $4.35. Senega is also dearer at 97½c., and serpentary-root has advanced to 45c., gentian to 17½c., and buckthorn-bark to 23c. per lb. Balsam Peru has been reduced to $3.55. Codeine alkaloid is lower at $9.25 per oz., and the sulphate at $7.40 per oz.

Acetanilide remains firm at from 6*s.* 6*d.* to 6*s.* 9*d.* per lb. A New York advice dated April 25 states that spot stocks are heavy owing to export restrictions, and supplies are freely offered at 77c. to 78c.

Agar-agar.—Steady, with fair sales of No. 1 Kobe strip on the spot at 4*s.* 3*d.*, and to arrive the sales include February-April at from 3*s.* 6*d.* to 3*s.* 8*d.*, and March-May shipment at from 3*s.* 4½*d.* to 3*s.* 6*d.* per lb. c.i.f.

Albumen is rather dearer at 4*s.* 3*d.* per lb. for prime on the spot, and 4*s.* 3*d.* c.i.f. afloat. *Duck* albumen is 3*s.* 10*d.*

Aloes.—The exports from the Union of South Africa during January 1918 amounted to 153,584 lb. (1,312*l.*), against 52,161 lb. (500*l.*) in January 1917. The following official particulars have been issued showing the destinations of the 1917 exports compared with 1916:

	1916		1917	
To	lb.	Value £	lb.	Value £
United Kingdom ...	832,346	7,970	547,821	4,790
Hong Kong ...	33,094	250	—	—
France	6,264	67	—	—
Sweden	11,699	123	—	—
Japan	32,014	249	91,454	973
United States ...	71,522	646	113,360	1,172
	986,939	9,305	752,635	6,935

Arsenic.—Although still comparatively high prices up to about 125*l.* are quoted in various quarters for best white Cornish powder, the tendency of the market has continued downward. Business has been done by the agents of Cornish mines at 120*l.* to 118*l.* per ton delivered London for May-June delivery. Buyers are more cautious, while prices are at a level calculated to keep production on the up-grade. The set-back from the extreme highest price recorded this year or since the beginning of the war is about 10*l.* per ton.

Aspirin.—As supplies in makers' hands are plentiful export licences are being more freely granted. Market has an easy undertone at from 12*s.* 3*d.* to 12*s.* 6*d.* per lb.

Belladonna-root testing .04 is offered on the spot at 5*s.* per lb.

Benzonaphthol is offered at from 43*s.* to 44*s.* per lb. on the spot.

Bismuth.—Although supplies of metal are reaching home consumers in adequate quantities, the position is somewhat stringent, while trade is to all intents and purposes well under official control, with the price remaining at 12*s.* 6*d.* per lb. It is understood that arrivals from Bolivia are coming along satisfactorily in spite of shipping difficulties.

Buchu.—The exports from the Union of South Africa during January 1918 amounted to 530 lb. (53*l.*), against 11,751 lb. (2,124*l.*) in January 1917. The following official particulars have been issued showing the destinations of the 1916 and 1917 exports:

To	1916 lb.	1916 Value £	1917 lb.	1917 Value £
United Kingdom ..	41,950	5,601	27,842	3,801
Australia	—	—	209	28
New Zealand ...	312	36	—	—
Japan	210	38	—	—
United States ...	88,322	10,010	96,059	16,325
	130,794	21,685	124,110	20,514

Camphor (Refined) is quiet, with sellers of Japanese 2½-lb. slabs at 4*s.* 6*d.* on the spot, and afloat at 4*s.* 4½*d.* per lb. c.i.f.

Canary-seed is slightly easier at 217*s.* to 220*s.* per quarter for ordinary to good Morocco.

Cantharides.—Arrivals of Russian having fallen off, prices of finest Russian flies are tending firmer, 15*s.* per lb. being asked, with broken and dusty obtainable at 10*s.*

Carbolic Acid.—It is stated the Government control is to be relaxed on June 30.

Castor Oil.—Small deliveries regularly take place from the Hull works at the fixed price of 80*l.* per ton naked for neutralised seconds.

Chaulmoogra Oil.—Supplies are now extremely scarce, and the usual importers appear to be unable to offer. About 3*s.* 4*d.* per lb. was the last price paid.

Cod-liver Oil.—The winter and spring cod-fishings are now officially closed, with a very poor result (says a Norwegian report of April 30). The failure is specially due to the fact that it is almost impossible to get new fishing-gear, and the fishermen are therefore very careful in risking their old ones. The fishing has also suffered from lack of oil for the motor-boats. The result of the fishing in Lofoten is:

	Catch of Cod	Steamed Oil (hect.)	Livers for raw oil (hect.)
1918	6,100,000	6,494	610
1917	9,200,000	12,001	830
1916	14,465,000	16,410	1,350
1915	16,000,000	12,651	1,413
1914	19,280,000	14,228	1,758

The result for the whole country is:

1918	14,900,000	15,124	3,472
1917	21,900,000	32,112	3,252
1916	41,700,000	50,053	4,629
1915	53,300,000	43,191	7,404
1914	63,000,000	46,910	8,993

The market is without business, as the whole production is bought by the Government and no exportation allowed.

An official report has been issued giving the Lofoten results for the past twenty years, which are as follows:

	Catch of Cod (000's omitted)	Yield of medicinal oil (hect.)	Livers for raw oils (hect.)
1917, to April 28 ...	9,200	12,001	830
1916, ,, 29 ...	14,400	15,938	1,350
1915, ,, 24 ...	16,000	12,651	1,413
1914, ,, 23 ...	71,700	9,616	1,020
1913, ,, 26 ...	10,200	6,036	880
1912, ,, 20 ...	15,100	12,043	1,197
1911, ,, 20 ...	10,500	7,871	760
1910, ,, 23 ...	13,900	13,457	1,970
1909, ,, 24 ...	16,800	20,002	2,575
1908, ,, 25 ...	13,300	20,095	2,860
1907, ,, 27 ...	18,700	20,365	4,480
1906, ,, 28 ...	18,600	16,952	3,060
1905, ,, 29 ...	13,500	11,493	2,239
1904, ,, 30 ...	12,300	3,293	800
1903, ,, 30 ...	13,700	614	1,130
1902, ,, 24 ...	14,300	9,628	2,557
1901, ,, 20 ...	13,000	15,889	6,005
1900, ,, 25 ...	8,400	10,770	—
1899, ,, 27 ...	15,000	18,450	—
1898, ,, 25 ...	15,000	11,250	—
1897, ,, 24 ...	25,800	18,250	—

The Lofoten results up to April 20, 1918, were only six million cod, giving a yield of 6,360 hectolitres of medicinal oil and 590 hect. of livers for raw oils, the figures being the lowest since 1897.

Chloral Hydrate is firm and still scarce at 13*s.* per lb. net for crystals in bond. A New York advice dated April 25 announces an official advance of about 20c. per lb. to a basis of $1.40 for bulk, but a considerable premium is being paid to outside holders.

Cinchona.—Our Amsterdam correspondent writes on May 8 that, "As was the case on April 4, the bark-auction of May 8 was also not held on account of absence of stock of pharmaceutical bark in first-hand. The tenders which were to be held on April 3 and May 7 were also not held for the same reason. There are 837 bales of manufacturing bark in stock, which were landed in Amsterdam last June, but so far have been held up by the N.O.T. The present sttae of affairs makes it impossible to say when fresh shipments will arrive at Amsterdam."

Citric Acid is firmer at 3*s.* 4½*d.* per lb. on the spot.

Cloves are quiet, with sellers of fair Zanzibar at 2*s.* 5*d.* per lb. on the spot.

Cocoa-butter.—Prime English is fixed at 1*s.* 6*d.* per lb. ex works. The public demand is well sustained.

Colchicum-corm.—Small sales are reported at 5*s.* 6*d.* per lb.

Copper Sulphate.—The general trade is extremely quiet, there being nothing moving as regards exports, since merchant business has been entirely killed by the suspension of licences. F.o.b. terms are thus quite nominal at about 66*l.* Further quantities have been shipped lately against the orders placed direct some time ago, and French needs seem fairly well covered. The home demand for agricultural use hangs fire, and the fixed price remains at 52*l.* per ton net makers' works for May-August delivery.

Coriander-seed is lower at 67*s.* 6*d.* per cwt. for fair Morocco on the spot.

Coumarin is offered at 172*s.* 6*d.* per lb. on the spot.

Cream of Tartar.—Arrivals during the past four weeks have been extremely good, and many of them go direct into consumption. Prices show an easier tendency, 99 to 100 per cent. powder offering at 420*s.* per cwt.

Ergot.—Shipments from Spain due shortly should relieve the spot stringency; meanwhile there are buyers at 4*s.* 3*d.*

Farina is lower, with No. 1 Japanese offering afloat at 78*s.* 6*d.* per cwt. c.i.f.

Fenugreek-seed.—Lower prices have been accepted, and the latest quotation for Morocco quality is 41*s.* to 42*s.* 6*d.*, according to quantity.

Galls.—Chinese are firm, with spot sellers of plum-shaped at 180*s.* and ordinary 165*s.* to 170*s.* on the spot.

Gentian.—Fair arrivals of Spanish have taken place; spot value remains at 90*s.* per cwt. upwards.

Guaiacol Carbonate has sellers at from 107*s.* 6*d.* to 110*s.* per lb. on spot.

Henbane-leaves.—Russian testing .044 offer at 6*s.* per lb. on the spot. Egyptian is offered at 2*s.* 9*d.* per lb.

Insect-flowers.—Sellers of Japanese quote 157*s.* 6*d.* per cwt. on the spot.

Isinglass.—At auction the small supply of 369 packages offered and sold with a fair demand, Bombay and Penang leaf declining 1*s.* to 2*s.* for leaf, bladder-pipe and purse being practically unchanged. Maracaibo was 1*s.* 6*d.* and Maranham about 1*s.* lower.

Lanolin.—With the advance in wool-fats prices of lanolin are also rising, B.P. anhydrous offering at 1*s.* 9*d.* to 1*s.* 10*d.* per lb., according to seller.

Lemon Oil is rather firmer in Sicily, leading shippers quoting 3*s.* 9*d.* c.i.f., and spot is quoted 3*s.* 9*d.* to 4*s.*, with an occasional parcel to be had at slightly less.

Lycopodium appears to have been arriving at one of the Northern outports, and as supplies are now more plentiful treble-sifted Russian can be had at 5*s.* 3*d.* per lb.

Menthol is quiet, with spot sellers of Kobayashi-Suzuki at 13*s.* 11*d.* to 14*s.*, and at 13*s.* 9*d.* c.i.f. Dementholised oil of Japan mint is 3*s.* 10½*d.* to 4*s.* spot and 3*s.* 9*d.* c.i.f.

Milk-sugar.—The recent arrivals have gone into consumption, and pending further consignments from the U.S.A. there appears to be nothing on offer.

Neroli Oil.—The new French crop is in process of distillation, and judging from the reports, prices are ruling high owing to lack of labour, fuel, and cost of orange-flowers. A tentative price of 1,500 fr. per kilo. has been named in one quarter for the finest distillate, equal (at the normal rate of exchange) to 32*s.* per oz.

Peppers are dearer, with spot sellers of fair black Singapore at 1*s.* 5*d.*, Tellicherry at 1*s.* 5½*d.*, and Alleppy at 1*s.* 5*d.* Value of fair white Singapore is 2*s.* 4½*d.*, and Muntok has been sold at 2*s.* 5½*d.*

Phenacetin.—Fair arrivals are still taking place, and the undertone continues easy at 27*s.* per lb. net.

Phenazone has sellers at from 48*s.* to 49*s.* net, as to quantity.

Pimento has sellers at 5*d.* per lb. on the spot; stock is 40,846, against 28,521 bags in 1917.

Potash Iodide.—The exports from Japan during January of the past three years were as follows:

	1916	1917	1918
Kin	6,597	8,145	7,540
Yen	53,159	49,302	44,814

Of *crude iodine*, exports in January were:

	1916	1917	1918
Kin	150	319	2,128
Yen	722	2,495	12,157

Parcels of Japanese potassium iodide afloat are offered at 13*s.* 10*d.* net.

Potash Metabisulphite is offered in cwt. kegs at 250*s.* per cwt. net for crystals or powder.

Potash Permanganate has sellers at 13*s.* per lb.

Quicksilver.—As reported recently, supplies in America were purchased on behalf of the Government at $105 per flask f.o.b. San Francisco, at which figure producers have been since ordered by the Government to supply each month the quantities they require for themselves and the Allies. The Government requisitions represent about 40 per cent. of the total domestic production, while no restriction has been made in regard to the remaining 60 per cent. At a Washington conference recently it was intimated to leading producers that the price to the outside market would be left to their discretion, but that if the price to private users was forced to an unreasonable figure the Government would not improbably take over the mines and sell to everybody at $105. In the absence of any approximate limit being placed on the outside market price large producers suggest that $125 is not out of the way.

Saccharin has continued in good demand, and prices for American again show an advance, up to 265*s.* per lb. having been paid in bond, which with the duty of 132*s.* equals 397*s.* per lb. for 550 pure. In some isolated instances still higher than the foregoing have been paid. A fair quantity has arrived from the U.S.A., and further lots are on the way, but it is not anticipated that prices will be reduced, as it is said one of the chief American makes is no longer available for export in view of the fact that their supplies made previous to December 31 are said to be exhausted.

Salicylates.—Salicylic acid has an easy undertone, English or American offering at from 4*s.* 9*d.* to 5*s.* Sodium salicylate powder is offered at from 6*s.* 3*d.* to 7*s.*, and B.P. crystals at 8*s.* 6*d.* net.

Salol is offered at from 9*s.* 6*d.* to 10*s.* per lb. on the spot.

Shellac.—Prices are still more or less nominal at from 335*s.* to 340*s.* for usual standard TN Orange quality; to arrive, May-June shipment sellers quote 305*s.* for TN, AC Garnet 305*s.*, and pure button 325*s.* c.i.f.

Soda Ash.—Dealers offer small lots of 58-per-cent. alkali at 14*l.* 10*s.* per ton on the spot.

Starch Products, such as dextrin, maize-starch, farina, glucose, arrowroot, etc., will, as a result of coming under the Food Controller, only be able to be dealt in under licence.

Syrup and Molasses.—The Royal Commission on the Sugar Supply give notice that, pending the fixing of definite prices for molasses (which is still under consideration), no molasses should be sold at a price in excess of that fixed for syrup in bulk—viz., 60*s.* per cwt. ex refinery or ex wharf. The price eventually to be prescribed will no doubt be considerably below that level.

Tamarinds.—West Indian are extremely scarce and dear, one seller asking 87*s.* 6*d.* per cwt., duty paid.

Tartaric Acid has sellers of B.P. crystals at 3*s.* 5½*d.* per lb. on the spot.

Turpentine.—American is unchanged at 120*s.* to consumers with permits. Prices in Liverpool are 121*s.*, Manchester 122*s.*, Hull and Glasgow 122*s.* 6*d.*

Wax, Vegetable.—Japanese is firm at 132*s.* 6*d.* per cwt. on the spot; sales to arrive include June-August at 123*s.* c.i.f.

Wintergreen Oil.—A despatch from Mauch Chunk, Pa., states: "The wintergreen and birch oil industries in which Carbon County leads the country, producing 70 per cent. of these oils used in the United States, are at a standstill, as there has been virtually no demand since the beginning of the war, methyl salicylate having cut into the sales of the genuine. Throughout this district many of the distilleries are closed."

Zinc Products.—There is a continuous active demand for zinc oxide, of which very little is obtainable from home makers, terms being chiefly a matter of negotiation. Practically nothing is allowed to be exported. Foreign is coming along in limited quantities, prices ranging from about 74*l.* to 100*l.*, according to quality, delivered ex wharf. An unusually large quantity of Australian zinc dust arrived early this week in one bottom, but the bulk of this has already been sold for essential use, the current price being 108*l.*, free on rails home ports. Only very little Japanese is available on about similar terms, while low-grade English dust sells at 85*l.* per ton U.K. ports.

Arrivals of Chemicals, Drugs, etc.

The following arrivals have taken place at the Ports of London and Liverpool:

To London
(April 27 to May 3).

Antimony, cr., 57 tons
Canary-seed, 34 pkgs.
18 bgs. 9 sks.
Chemical products, etc. unrated, 67 cs. 119 pkgs. 36 cks. 11 brls.
Acetanilide, 53 brls.
Argyrol, 316*l.*
Arsenic, 65 cs.
Calcium citrate, 19 cks.
Chloral hydrate. 19 cs.
Citric acid, 19 cks.
Cream of tartar, 282 cks. 40 kgs.
Hexamine, 30 cs. 46 pkgs.
Hydrogen perox., 100 cs.
Hydroquinone, 4 cs.
Iodine, 1 kg.
Milk sugar, 17 brls.
Potash iodide, 20 cs.
Pyrogallic acid, 10 cs.
Saltpetre, 5 cwt.
Soda bromide, 20 cwt.
Tannic acid, 40 kgs. 20 cs.
Tartar, crude, 1,207 pkgs.
Trioxymethylene, 20 cs.
Zinc oxide, 2,252 brls.
Drugs, etc., unrated, 5,156*l.*; herbs, dried, 99 pkgs.
Balsam tolu, 417*l.*
Calamus-root, 283*l.*
Camphor, 188 cs.
Copaiba, 3 cs.
Galls, 527*l.*
Gentian, 17 bgs.
Hydrastis-root, 370*l.*
Insect-flowers, 50 bls.
Juniper-berr., 75 bgs.
Quinine, 5,616 oz.
Sarsaparilla, 92 bls.
Tuba-roots, 180 bls.
Witch-hazel ext., 100 brls.
Dyestuffs, dyeing and tanning materials, etc., unrated, 150 cs. 158 cks.
Gelatin, 597*l.*
Perfumery, unrated (mostly raw materials), 2,389*l.*; perf. water, 30*l.*; toilet-powder, 1,120*l.*
Plumbago, 87 cks.
Sponge, 42 bls.
Starches (cwt.): farina, 14,809; potato, 24,756; wheat, 100
Vermilion, 10 cs.
Wax, not described, 1,978 cs. 456 bgs.
Wax, paraffin, 792 cwt.

To Liverpool
(April 29 to May 4).

Argol, 438 bgs. 30 cks.
Bronze powder, 8 cs.
Chemical products, unrated, 15 brls. 2 kgs.
Acetic acid, 5 brls.
Arsenic, 50 bxs.
Bromides: potash, 85 cs.; soda, 56 cs.
Citric acid, 52 cks.
Cream of tartar, 252 cks. 220 kgs. 20 brls.
Iodine, crude, 55 cs.
Milk sugar, 25 cks.
Paraldehyde, 9 cs.
Phenacetin, 77 cs.
Phenolphtbalein, 1 cs.
Soda nitrate, 239 bgs.
Soda salicylate, 2 kgs. 10 cs.
Tannic acid, 10 brls.
Tartaric acid, 10 brls. 250 kgs.
Vanillin, 1 cs.
Drugs, unrated, 148 cs. 10 bgs. 31 bls. 14 brls. 3 ½-cs. 210 pkgs.; med. herbs, 65 pkgs.
Camphor, 50 cs.
Cascara sagrada, 350 sks.
Liquorice-root, 30 bgs.
Menthol, 50 cs.
Dyes, intermediates, dyeing and tanning materials: betanaphthol, 61 brls.; hematine crystals, 35 brls.; logwood ext., 1,287 cks.; sumach, ground, 9,920 bgs.; sumach-leaves, 50 bls.; tanning ext., 422 cks.; zinc dust, 358 cs.
Mineral white, 515 bgs.
Plumbago, 350 bgs. 96 cks.
Starches, 2,177 bgs. 999 cs.; dextrin, 880 bgs.; farina, 1,372 bgs.
Talc powder, 2,412 bgs.
Wax, bees', 8 brls. 132 bdls.
Wax, paraffin, 500 cs.
Wax, spermaceti, 300 bxs.
Wax, vegetable, 22 bgs. 356 cs.
Zinc oxide, 1,099 brls.

To London
(May 4 to 10).

Antimony reg., 50 tons
Casein, 3,200*l.*
Chemical products, etc., unrated, 903 cs. 15 cks.
Citric acid, 100 kgs.
Cream of tartar, 40 kgs.
Hydroquinone, 3 cs.
Oxalic acid, 49 cks.
Phenacetin, 40 cs.
Quinine, 5,616 oz.
Salicylic acid, 50 brls.
Saltpetre, 880 cwt.
Sodobrol, 2 cs.
Tartar, crude, 687 bgs. 41 cks.
Tartaric acid, 80 brls. 200 kgs. 69 pkgs.
Terpineol, 5 cs.
Drugs, etc., unrated, 444*l.*
Belladonna-root, 50 bgs.
Galls, 1,040*l.*
Gamboge, 3 cs.
Gentian, 314 bgs. 279 pkgs.
Juniper-berries, 84 bgs.
Squill, 100 bgs.
Stramonium, 21 bls.
Valerian-root 12 bgs.
Dyestuffs, dyeing and tanning materials, etc., unrated, 69 pkgs.; gambier, 140 cs.; quebracho ext., 880 bgs.
Fullers' earth, 3 tons
Perfumery, etc., unrated (mostly raw materials), 52*l.*; toilet-powder, 68*l.*
Plumbago, 200 bgs.
Starches (cwt.): farina, 2,480; potato, 12,969; rice, 40; wheat, 80
Talc, 3,039*l.*; French chalk, 36*l.*
Wax, not described, 100 cs. 59 pkgs. 5 bgs.
Wax, paraffin, 1,143 cwt.; scale, 1,265 cwt.

To Liverpool
(May 6 to 11).

Chemical products, etc., unrated, 20 cs.
Argol, 448 bgs.
Arsenic, 200 cs. 60 cks.
Balsam tolu, 5 cs.
Citric acid, 20 kgs.
Colouring-matter, 46 brls.
Coumarin, 3 cs.
Cream of tartar, 180 kgs. 192 cks.
Heliotropine, 16 cs.
Hydroquinone, 2 cs.
Lactic acid, 10 cs.
Potash cyanide, 1 cs.
Drugs, etc., unrated, 35 bxs. 29 cs. 17 bgs. 1 bale: herbs, unrated, 10 pkgs.
Anise oil, star, 50 cs.
Argol, 306 bgs.
Camphor, 199 cs.
Copaiba, 2 brls.
Eucalyptus oil, 152 cs.
Insect-flowers, 25 bls.
Menthol, 50 cs.
Dyes, dyeing and tanning materials, etc.: chestnut tanning ext., 1,668 cks.; sumach, 128 bgs.
Soapstone 1,131 bgs. talc, 57 tons 4 cwt.
Starches, 3,863 bgs. 215 sks.; farina, 3,644 bgs.
Wax, not described, 140 bgs.
Wax, carnauba, 125 bgs.
Wax, vegetable, 50 cs

Port of London Dues.—The Port of London Authority have been compelled to request the Board of Trade to sanction as from May 21 a further increase of 15 per cent. in the dues, rates, and charges on vessels and goods. This represents an increase of about 65 per cent. over the pre-war tariffs.

Victorian Progress.—The value of the output of drugs and chemicals in Victoria, Australia, during the year ended June 30, 1917, was 1,522,000*l.*, compared with 1,175,000*l.* during 1913.

Correspondence

Letters for this section should be written on one side of the paper only. The writer may adopt an assumed name for purposes of publication, but he must in all cases furnish his real name and address to the Editor.

Saving Tonnage in the R.A.M.C.

SIR,—I don't see the *C. & D.* as often as I used to now I am on active service, and am not sure whether, like a certain paper we get in the mess, you are eternally objurgating the Government to win the war by saving tonnage. Still, there is a little room for missionary effort in the pharmacy end of the medical service—or, rather, in the medical service, for there is no pharmacy end. I saw an "indent in triplicate" for drugs the other day. It was:

1 gal. mist. sodii salicylatis.
1 gal. mist. bismuthi.
1 gal. mist. sodii bicarb.
1 gal. mist. quininæ, etc., and so forth.

The order passes from the medical room orderly to the medical room orderly N.C.O., who passes it to the medical officer, who may read it and must sign it. Thence it should go to the commanding officer, who sends it to the senior medical officer, thirty miles south. The S.M.O., after having left it on his desk for some days, sends it to the Assistant Director of Medical Services, fifty miles north. He signs it, and eventually the order arrives at the chief dispensers. So far this is only "the ordinary channel" of orders. Next, four heavy gallon jars of the fluids are packed with straw in an iron-bound box, heaved into an enormously heavy lorry, with three or four men and a couple of horses. The box is then, after much signing of documents, sent to the railway station. When it gets there it proceeds to the nearest railhead of the military camp it is intended for. Again a lorry, horses, and a detachment of men bring it to the camp and to the medical officers, but meanwhile myriads of documents are signed, and the process has taken probably three weeks. Again the same process all over takes place with the empty jars and case. Observe the strength of the mist. sodii salicylatis, bismuth, and sodii bic. is 10 gr. to the oz.; the salicylate is simply dissolved in water. The weight of the four gallon jars filled is 80 lb., the weight of the box is about 80 lb. more. That is to say, for about 1 lb. of active drug—bicarbonate or salicylate which could be sent by post for 4*d.*, there is 160 lb. of water, jars, and packing-case; and three or four men, two horses, and a waggon, weighing a couple of tons, have to be sent four journeys—to the station, from the station, and the return journey with emptics.—Yours faithfully,

CAPT. R.A.M.C. (91/19.)

The Major Examination.

SIR,—I find myself largely in agreement with "Reconstruction" (*C. & D.*, May 11, p. 51). Only, why is he so unco' serious over the suggestion of the Progressive Pharmacy Club that Minor men be sergeant-dispensers and Major men lieutenants and captains? Surely the most appropriate army rank of all is Major? I have often said that the Minor man is the equal in every way of his Major colleague—to the chagrin of a few hypersensitive and overvain Major men, if to the satisfaction of Minor men generally. It would tax the wit of the most nimble-minded pharmacist to find a satisfactory *raison-d'être* for the "Major," for its possession proves nothing in excess of mere pharmaceutical qualification. Its value—*e.g.*, as a qualification in analytical chemistry—is practically *nil*, as everybody, except perhaps a few Major men, knows. What is needed is a distinct step between the Minor and the Major, and to this end the best plan would be a system of three examinations as follows:

1. A stiff Preliminary—say, at the level of the London Matriculation.

2. A Qualifying examination with a new, up-to-date, rational scientific syllabus, combined with a compulsory curriculum.

3. A higher examination on the level of the B.Sc., combining science, theoretical and practical, in, say, three branches (say, chemistry, physics, and botany), with some form of specialism, as bacteriology or analytical chemistry, *x*-ray work, etc.

Only those would be eligible to sit for the last examination who had already passed 1 and 2, and it ought to be made the examination for a degree in pharmacy—call it the Ph.B. or Bachelor of Pharmacy degree. So much for a start. Later there might be inaugurated an English Ph.D. degree—a doctorate in pharmacy—especially seeing that the former significance of Ph.D. is likely to become a thing of the past, and the German degree to be replaced by the English D.Sc. Thus we pharmacists might be the first in the field with a new and purely British Ph.D. A word about curricula. Can any reasonable person hope to maintain that a curriculum is possible apart from an inspection of schools of pharmacy and the drawing-up of a list of approved institutions? Because, if so, any place on earth could become an *ad hoc* school of pharmacy; and obviously if a curriculum is worth having it must have reference to a place worth being in for six or twelve months, or whatever period is decided upon. Yours faithfully,

R. CECIL OWEN.

Fireproofing Wood.

SIR,—Referring to your note (*C. & D.*, April 6, p. 51) answering an inquiry regarding fireproofing wood (mahogany), we desire to point out that the solution to which you refer as giving the best results—*i.e.*, one compounded from phosphate of ammonia and boracic acid—originated with this company, who are the owners of a patent covering the same, which, of course, precludes others from using this solution, excepting under licence from us. Of course the acquisition of a satisfactory solution is but the starting-point in the fireproofing of wood, as each wood, depending upon its character and thickness, requires a different treatment, the strength of the solution, as well as the preliminary steaming, vacuum, and pressure, varying considerably with the different woods. This is a knowledge that can only, in the absence of expert instruction, be acquired by experience and great expense. This company has spent upwards of a quarter of a million of money in perfecting its process, with such result that the Admiralty make extensive use of the same, and we have for this Department, in the past few years, fireproofed some millions of feet of various timbers. The process, which is known as the "Oxylene" process, is exclusively used by the railway companies on the recommendation of the Board of Trade, and the London and North-Western Railway has recently established a large plant to work our process under licence. Any process to fireproof wood must, in order to prevent failure, avoid any of, amongst others, the following defects: Brittleness of wood after treatment; too pronounced an increase or decrease in weight; the tendency to absorb moisture, which will inevitably corrode all metals in contact with the wood, and perish all paint or polish on the wood. Moreover, any process must have a preservative effect, and must not discolour the wood in any way. To procure this result, not only is the knowledge necessary, but a plant costing at least 30,000*l.* is essential.—Your obedient servants,

THE TIMBER FIREPROOFING CO., LTD.

Fulham, London, S.W.

Subscribers' Symposium.

For interchange of opinion among "C. & D." readers, and brief notes on business and practical topics, especially new ideas.

Telephone Charges.

Subscriber (51/64) last year (*C. & D.*, February 24, 1917, p. 61) sent us particulars of an attempt made by the Post Office telephones to charge him for more calls than he had made. As our subscriber was able to prove that his records were accurately kept, the Post Office capitulated, the "climb-down" being to attribute an error at the exchange. "Subscriber" has this year had a similar experience, and again he has convinced the Post Office that they have attributed to him more calls than he has made. This year it is "a fault in your apparatus." The point it is desired to emphasise is the importance of keeping a record of telephone calls so as to be able to check the Post Office charges.

Supplying Drug Addicts.

W. L. T. (65/55) writes: "Mrs A, wife of a bank manager, is addicted to chlorodyne. Other chemists as well as myself have supplied her on and off for a long time with the drug, this being known to her husband, who often paid by cheque. Mrs. A's husband died some months ago, and she was placed under a doctor's care. The doctor with whom she resided wrote asking me not to supply her with chlorodyne, and I have naturally carried out his wishes. Now she is back in her own home and not under any doctor, she writes imploring me to supply her with chlorodyne. I have seen her, and explained that she had better give up the idea of obtaining the drug, and asked her not write to me for it, but she asserts that she cannot live without chlorodyne. She is a physical wreck. Please tell me whether I ought still to refuse to supply her."

Legal Queries.

Most difficulties in trade law are explained in the legal section of "The Chemist and Druggist Diary," 1917, beginning on page 353.

A. B. C. (61/13).—Establishing a New Business.—The National Service Ministry has issued a regulation which prohibits the establishment without a licence of "any new retail trade or business or a new branch of any existing retail trade or business." Particulars of where to apply for licences were given in the *C. & D.*, February 23, p. 33.

Demos (68/20).—Distribution of Handbills.—You may distribute circulars up to January 31, 1919, on the basis of one-third of the total weight of such matter distributed between February 1, 1916, and January 31, 1917. You may use circulars as wrapping-paper, provided no other form of wrapping-paper is used on the article, and that the circular was printed before October 22, 1917.

J. E. G. (78/47).—The price for quantities less than a hundred of tablets made from British saccharin must be proportionate to the prices fixed by the Ministry of Food (see *C. & D.*, May 4, p. 42). On the basis of 1*s.* 6½*d.* per hundred (in envelopes) full-strength tablets, this is 9¼*d.* for fifty. If, however, half-strength tablets are sold in pill-boxes the price (1*s.* per 100) is more readily divisible for smaller quantities.

A. E. S. (79/47).—Sale of Medicated Wine.—So far as the Commissioners of Customs and Excise are concerned, if a wine is so medicated as to be incapable of use as a beverage no Excise licence is required for its sale by a chemist. The difficulty is that every now and then the local licensing authorities take another view of the matter, and institute proceedings for the sale of wine without a licence. We reported such a case at Bradford in 1914, in which eventually it was decided that Winoarnis with quinine could be sold by chemists without a wine-licence.

G. P. (78/54).—Excess-profits Duty.—The Finance Bill which has been published this week makes it clear that it is only the trading stock of a business which has been disposed of upon which excess-profits tax will be levied. The tax is only levied on the amount beyond 200*l.* by which the profits on the trading stock exceed the amount that would have been obtained before the war. The same figure holds with regard to excess profits on businesses which have increased. The figures which you submit do not show sufficient increase to make you liable to the tax.

St. Mungo (111/19).—Money Found in the Pharmacy.—The question as to whom money belongs which is found by an assistant in the shop and is not afterwards claimed by a customer was raised some time ago in the *C. & D.* (December 20, 1913, p. 79). We ventured the opinion that it belonged to the proprietor, as he would be responsible to the customer for the restoration of lost property. Subsequently correspondents stated, however, that the cases in which they were involved the proprietor considered the money belonged to the assistant or divided it with him.

Cymro (79/35).—Chemists and the Medical Curriculum.—The English Royal Colleges consider applications by pharmaceutical chemists as to exemption from the botany and chemistry parts of the First Professional examination, but this depends upon the nature of the study which the pharmaceutical chemist had before passing the Major examination. No general ruling has been laid down in regard to the matter, each case being considered on its merits. You should apply for a definite ruling in your case to Mr. F. G. Hallett, Secretary of the Conjoint Board, 8-11 Queen Square, Bloomsbury, London, W.C.

Miscellaneous Inquiries.

When samples are sent particulars should be supplied to us as to their origin, what they are, what they are used for and how. We do not undertake to analyse and report upon proprietary articles nor to publish supposed formulas for them.

G. W. B. (62/74).—(1) Promoting the Digestibility of Casein.—Assuming that the edible casein you have is not already a salt of casein, and the roller-dried variety is very difficult to dissolve owing to its flocculent nature, the best way is to mix it with cold water into a paste, add a few grains of sodii bicarb.—experience will soon show correct amount—then add hot water gradually, stirring the whole time. To make the casein more digestible, it can be used as a jelly or in cocoa, milk-puddings, etc., but a little pepsin is very efficient; the stomach will supply sufficient acidity to make the pepsin effective. (2) American Liniment.—A formula for the type of liniment about which you inquire was given in the *C. & D.*, March 30, p. 52.

E. E. S. (41/1).—Testing for Arsenic in the Urine.—The excretion of arsenic by the urine after the administration of salvarsan is not easily demonstrated on account of the arsenic being in organic combination. We were unable to find any definite directions in current literature, but a series of experiments has established the following as being trustworthy:

> Treat the urine with sulphuric acid and heat; add nitric acid in small quantities until there is no more nitrogen peroxide (NO_2) evolved, as can be seen by the absence of coloured fumes. Continue the heat until the liquid no longer smells of nitric acid and darkens in colour. Next add zinc and water, and sulphuric acid if necessary—there is generally sufficient present—and pass the arsenuretted hydrogen on to mercury paper, as usual in the Gutzeit test. A blank and a control test should be performed at the same time, the former to establish the freedom from arsenic of the reagents, and the control test with a definite amount of arsenic. A comparison with the results obtained enables the amount of arsenic in the urine to be established within very close limits.

Shampoo (67/11).—Darkening the Hair.—The method you describe as having been employed to darken your customer's hair is the usual way of using henna (see *C. & D.*, February 24, 1917, p. 62). We have not heard of a case in which the colour produced has been a "brilliant green," as in the case you mention. It is difficult to suggest a method of removing the objectionable colour, but you could, we think, safely recommend your customer to have the process repeated. We recommend this because the colour usually obtained is a greenish tinge at first, but changes after a time, and the "brilliant green" appears to result from insufficient action of the henna.

W. H. A. (66/30).—Calcium acid phosphate is largely employed as a substitute for cream of tartar by bakers. Care should be taken to obtain a guarantee as to the freedom from arsenic of the chemical.

Business (127/31).—Sale of Business.—The profit you mention is so large in proportion to turnover that it is possible you are confusing gross with net profit. If, however, the amount you mention is net after all working expenses have been paid (except your own salary), then the price of the business cannot be given on such slender data. A rough figure might be 400*l.* The profits appear so high that you must make sure that the reason for such high profits will continue with a new owner.

A. W. L. (40/13).—Powder Distempers.—The formulas for making dry distempers are arranged on the following model:

White.		*Red.*	*Dark Blue.*
Whiting ...	70 lb.	20 lb.	70 lb.
Zinc white ...	58 lb.	—	14 lb.
Glue	12 lb.	12 lb.	12 lb.
Soap-powder ...	1 lb.	1 lb.	1 lb.
Alum	4 oz.	4 oz.	4 oz.
Blue black ...	2 oz.	Venetian red, 168 lb.	Ultramarine blue, 14 lb

A light blue is made by using half the amount of ultramarine blue indicated for dark blue. Rose-pink is made by using Derby red as a colouring-agent; for green use lime-green, with the addition of ultramarine blue for a dark green. Other colours are lemon chrome for yellow distemper and English ochre for a stone-coloured powder.

Retrospect of Fifty Years Ago.

Reprinted from "The Chemist and Druggist," May 15, 1868.

Pepsine.

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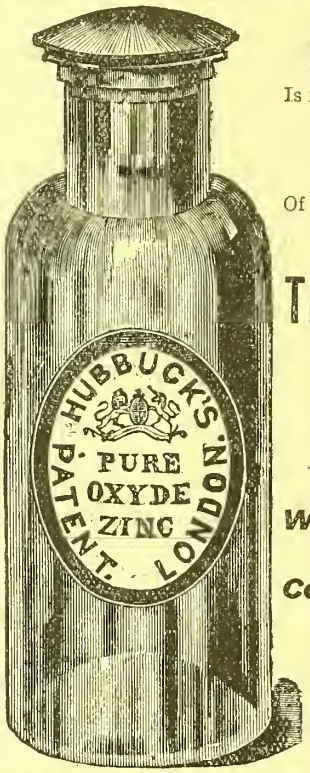

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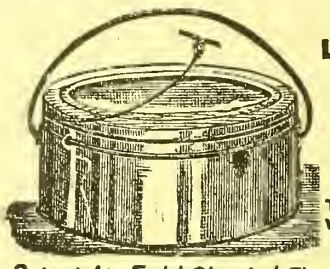

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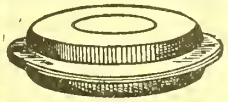

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5.—STRATFORD.—For immediate disposal, through vendor being called up for military service, Ready-money Business, with N.H.I. Dispensing; no near opposition; net income over £300 yearly; moderate rental; valuation terms entertained.

6.—LONDON, N.W. (Main Thoroughfare).—Good-class Business; Retail and Dispensing; net profit exceeds £500; well-appointed shop, nicely fitted and fully stocked; valuation terms would be considered, or lump sum offer.

7.—LONDON, W. (Busy Main Thoroughfare).—Established Business; all cash trading; returns last year £2,100; *net profit* £350 to £400; double-fronted shop, with excellent residence; terms, stock and fixtures at valuation, and nominal sum for lease and goodwill; vendor retiring.

8.—SOUTH COAST (Near the Solent).—Retail and Dispensing Business, with plenty of profitable Prescribing; established 1856, and held by vendor upwards of 14 years; returns over £600; profit £250; rent £30; price £150.

9.—HOME COUNTY.—Well-established Business, situate in a pleasant country district; position good; returns average about £900, with net profit £250; rent £45; lease if desired; comfortable residence, garden; terms, valuation of stock and fixtures.

10.—BIRKENHEAD.—Retail and Dispensing Business; returns show a steady increase, and are now about £850; good prices are obtained; small residence; rent £32; no immediate opposition; terms, valuation of stock and fixtures; about £250.

11.—FASHIONABLE SEASIDE TOWN (S.W. Coast).—Good-class Retail and Dispensing, with excellent sale for own Proprietaries; returns average about £700; *net profit* £275; well-appointed shop and residence, situate in centre of town, and close to busy railway station; terms, £50 and valuation of stock and fixtures.

12.—KENT.—Very old-established Business; position good; returns last year £949; *net profit* £240; roomy shop, fitted in mahogany; rent £42 10*s*., which includes comfortable residence and garden; terms, valuation of stock and fixtures.

13.—SURREY (Suburb).—Good-class Retail and Dispensing Business, with Optical connection, in select residential district; returns about £2,500 per annum; terms, valuation of stock and fixtures, and sum for goodwill to be agreed equitably.

14.—SURREY (Good-class Town).—Cash Retail and Dispensing Business; returns under Assistant, £14 to £17 weekly; price £160.

VALUATIONS FOR STOCKTAKING.

Messrs. O. & Co. desire to emphasize the necessity of a Periodical Statement of Account, by which means alone Profit, the value of Business, &c., can be determined. Involving as this does the labour of Stocktaking and Valuation, it is often omitted, and eventually becomes the cause of confusion and loss.

Messrs. O. & Co. are prepared to undertake these essential duties, and will make **Special Terms** for such services.

ORRIDGE & CO., 56 LUDGATE HILL, LONDON, E.C.

BUSINESSES FOR DISPOSAL.

3*s*. 6*d*. for 50 words or less; 6*d*. for every 10 words or less beyond, prepaid.

BRIGHTON.—Fine well-established Chemist's Business; good cash trade; turnover over £1,000 per annum; busy neighbourhood; good central position, not far from station and on tram route; low rent; N.H.I. Dispensing. Apply 136/32, Office of this Paper.

LONDON, N.—Shop, d.f. Chemist's; completely and well fitted; established over 20 years; chance to pick up good business cheap; rent £60. Owner, 160 Stoke Newington Road, N.

SOUTH WALES.—Retail and Dispensing Business, situate main road in small colliery district; house and garden attached; three minutes from railway station; unopposed; excellent opportunity for further development; last year £1,100. Full particulars and order to view on application to "Valley" (137/1), Office of this Paper.

YORKSHIRE.—Well-established, with good opening for Photographic, N.H.I., and Dentistry, double-fronted Shop; side and back entrance; large house, recently redecorated; Warehouse and garden; death cause of sale; rent £50; sacrifice for quick sale, £160; well stocked. Apply 140/6, Office of this Paper.

FOR Sale, high-class Chemist's Business; good saleable stock, newly fitted throughout; has done good business under personal management; good reasons for disposing; situated near Sloane Square Station. Apply 140/33, Office of this Paper.

TERMS OR CASH.—Good Business, neglected; nicely fitted large corner shop in thickly populated district; prominent position; two main roads; trams and 'buses pass; excellent house; rent £65; let off about £55; price £350; average weekly takings about £15; could be easily doubled in three months. "North Loudon" (135/5), Office of this Paper.

TO CHEMISTS AND DRUG STORE DEALERS.—Chemist's Business in Selby, Yorkshire, with Wine and Spirit licence, for Sale; takings have averaged approximately £1,100 a year; low rent, centrally situated; will sell cheaply for quick sale. For further particulars apply Parkin S. Booth, Accountant, Association of Manufacturing Chemists, Ltd., 2 Bixteth Street, Liverpool.

THOS. TOMLINSON & SON

CHEMISTS' VALUERS, TRANSFER AGENTS,
AND EXPERT STOCKTAKERS,
45a MARKET STREET, MANCHESTER.
ESTABLISHED OVER HALF A CENTURY.
Telegraphic Address: "Tomtom."

BERDOE & FISH

VALUERS & TRANSFER AGENTS,

35 Jewry Street, Fenchurch Street, E.C.3.

Telephone: 1809 CENTRAL.

NO CHARGE TO PURCHASERS.

1.—MIDLANDS.—Sound progressive General Retail Business, returning over £3,200, increasing; very best position; splendid premises; every modern convenience; owner retiring; price £2,000; references required.

2.—SOUTH COAST.—First-class Retail and Dispensing Business, in splendid position; same hands many years, retiring; returns approach £900; stands to do £1,500 easily; price simply valuation, or first reasonable offer; part can remain.

3.—HERTS (Market Town).—Most desirable Light Country Retail; easily worked; returns about £900; good profits; good house, bathroom, etc.; very best position; well stocked; price for prompt sale, simply valuation, under £400.

4.—HAMPSHIRE COAST.—Good-class Retail Dispensing and Photographic Business, in fashionable resort; returns approach £2,000; main road position; well-fitted Pharmacy, with residence attached; price £100 and valuation, in all about £900.

5.—LONDON, S.W.—Good-class Retail and Dispensing Business, in fine position, close to busy station; returns £1,000; no panel; clear net profit over £300; books properly kept; scope for increase, owner retiring; price for early sale, £500; part could remain; strongly recommended.

6.—LONDON (Western Suburb).—Light Cash Retail and Dispensing, with Photographic; busy main road; returns over £2,000, increasing; low rent; long lease; corner premises; well stocked; owner retiring; price £800.

7.—WEST MIDDLESEX.—Cash Retail and Prescribing, with small N.H.I.; returns average £24 a week; practically unopposed; low rent or lease; selling solely through ill-health; price £400; part can remain.

8.—LONDON SUBURB, S.E.—Cash Drug Stores, in good position; plenty of scope; returns £500; *net profit* £220; books properly kept; low rent; corner shop; good house; well stocked; price £250.

STOCKTAKINGS.

We have the first two weeks of June still open, and can undertake one or two large stocktakings during that period. Appointments should be made early to avoid dates clashing. Terms sent on application; 45 years' practical experience.

BUSINESSES FOR DISPOSAL (*continued*).

URGENT.—Must sell at short notice (home from Italy on a few days' leave), two Pharmacies in Norfolk, one seaside (unopposed) and one in market town, together or separately; good premises; advantageous leases; commanding positions; no reasonable offer refused to immediate purchaser. Apply to Major Inge, R.A.M.C., M.P.S., Mundesley-on-Sea, Norfolk.

£50 DOWN and balance of about £250 in small monthly instalments (or other arrangement) buys a good well-established Business (London); medium-class trade; several profitable Proprietaries, N.H.I., and Dispensing; must be sold by May 25th; bargain for capable, energetic man with small capital. Genuine prospective purchasers apply (immediately) to 140/12, Office of this Paper.

AGENCIES.

COMMISSION Agents wanted in London and leading provincial towns to sell Bottles for Druggists, Perfumers, etc. Apply 79/17, Office of this Paper.

TRAVELLER, over military age, having valuable connection with the trade in Ireland, is open to accept a few additional Agencies for first-class firms: highest references. Reply "J. A." (128/33), Office of this Paper.

SALES BY AUCTION.

351 CATHCART ROAD, GLASGOW.

MESSRS. McILWRAITH & SON, 269 Buchanan Street, Glasgow, will, on THURSDAY, MAY 23rd, Sell by Auction, the whole Stock and Fittings of a CHEMIST'S SHOP at 351 Cathcart Road, Glasgow, comprising recess-labelled Bottles and Pots, Counter Case, Dispensing Screen, Scales and Weights, Desk, Corner Case, Check Till, Window Fittings, etc.

BUSINESSES WANTED.

A SOUND Business wanted, showing £400 net, with scope for increase in energetic hands; healthy neighbourhood essential; Home Counties or near preferred. Write "M.P.S." (138/1), Office of this Paper.

PHARMACIST, with small capital in hand, wishes to purchase a sound Business, returning about £1,000; preference to healthy neighbourhood; London or near. Apply "M.P.S." (138/23), Office of this Paper.

PHARMACIST requires Business in or near Manchester; must be a genuine concern, taking about £1,500 per annum, and on the N.H.I. panel; either cash down or instalment terms of purchase arranged. Apply 132/15, Office of this Paper.

TO CHEMISTS, ETC., having a Light Retail country business, capable of being worked without help. Advertiser would wait any reasonable time if suitable arrangements could be made for the purchase of a genuine unopposed concern. A good house in healthy district essential. Write "Dentop," c/o Morgan, Chemist, Kimbolton, Huntingdon.

FOR SALE.

COMPLETE set Shop Rounds (curved gold label); 23½ dozen; £13 the lot, or nearest offer. Milburn, Chemist, 95/7 Northumberland Street, Newcastle-on-Tyne.

FOR Sale, one Bath Chair in excellent condition; also one Dental Chair. Chester Jewell, 49 Kinsale Road, Peckham Rye, S.E. 15.

WHAT Offers? One ounce each Atophan, Agurin, Allosan, Adurol, Aspirin, Calmine, Benzosol, Citrophen, Citarin, Chinosol, Chloralamide, Creosotal, Iodopin, Ichthalbin, Diplosal, Ferratin, Hæmol, Diuretin, Eikonogen, Glycin, Helmitol, Hedinal, Hydronaphthol, Europhin, Dermatol, Isoform, Novaspirin, Orthoform, Triferrin, Ortol, Purgatin, Protargol, Pyramidon Camphorate, Salicylate, Rodagen, Spirosal, Salipyrin; two ounces each Amidol, Antipyrin, Bromural, Magnes Perhydrol, Thiocol, Secacornin, Styracol; five ounces each Iothion, Mesotan, Sajodin three ounces; ½ ounce each Lycetol, Tetronal, Hypnal, Piperazine, Salacetol; 5 grammes each Codeonal, Novocaine; 10 grammes each Dionin, Tannismut, Alypin, 3 grammes; tablets, four each Alothan, Ferro-Sajodin, Sajodin, Aphrodine Chloride; two each Valisan, Veronal, Veronal Soda, 3 × Helmitol, 6 × Deplosal; one each Acetrine, Calmine, Spiracine, Novaspirin, Melubrin, Magnes Perhydrol, Thiocol, Mergol, Migrinine, Rodinal, 11 oz.; two each Irocose, Phosphocose, Liq. Ferratin Arsen, Glycobenphene; one each Gaycose, Liquid Somatose; several grosses 1-lb. unused wide-mouth blue Drug Bottles and 2 oz. wide-mouth Vials. Robbins, Pharmacist, Bexhill.

2,000 TABLET Bottles; new. Apply 79/170, Office of this Paper.

SITUATIONS OPEN.

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid.

RETAIL.

BIRMINGHAM.—Smart man, capable of taking charge of Buying Department, required immediately. Give full particulars as to age, experience, and salary required in first letter, "T. H. S." (138/391), Office of this Paper.

BIRMINGHAM (Central).—Young lady Assistant required for brisk business; experienced in Dispensing and Counter work; progressive salary; permanency. "B. S." (138/390), Office of this Paper.

BIRMINGHAM.—Lady Assistant required (immediately) for progressive business, near the centre of the city; must be a good Dispenser. State salary required and when at liberty. "B. S." (138/392), Office of this Paper.

BIRMINGHAM.—Locum required for June or July; must be well recommended. References and terms to Rushton, Hall Green Parade, Birmingham.

BRIGHTON (outdoors).—Assistant required (at once); Dispensing and Retail; easy hours. Apply with full particulars, and photo if possible, J. Colby & Co., 101 Western Road, Brighton.

CHEPSTOW.—Capable lady or gentleman Assistant required for Light Retail and Dispensing; if gentleman (ineligible); knowledge of Optics essential, easy hours; outdoors. Full particulars to Clarke, Chemist, Chepstow.

FOREST HILL.—Unqualified Assistant for cash business; outdoors; no Sunday duty; close Wednesdays 1 o'clock. Apply Mrs. Cheriton, c/o Messrs. Hoopers, Ltd., 12 Dartmouth Road, Forest Hill, S.E. 23.

GLOUCESTERSHIRE.—Assistant Dispenser wanted (at once); Hall certificate; no Counter work; willing to attend to various clerical duties when not required at the Dispensing Counter; no previous experience needed; in reply state salary required. Apply 80/49, Office of this Paper.

JERSEY, CHANNEL ISLANDS.—Wanted, competent Assistant (ineligible) or lady Dispenser with good experience, for high-class Retail; must be reliable Dispenser; half-day closing; outdoors. F. G. de Faye, Pharmacist.

LIVERPOOL.—Elderly qualified Assistant; comfortable post; state salary, etc. Apply 140/36, Office of this Paper.

LONDON.—Young lady wanted for Counter; cash business; knowledge of Dispensing desirable, but not essential. "North" (138/25), Office of this Paper.

LONDON.—Qualified Manager for cash business and N.H.I. Dispensing; permanency; ineligible; liberal terms to a good man, who must furnish good references. 'Senex" (136/36), Office of this Paper.

LONDON.—Young lady Assistant required (immediately); experienced in Dispensing essential. State age, salary required, and when at liberty, "U. R." (138/393), Office of this Paper.

LONDON, N.W.—Junior Assistant wanted, mainly for Dispensing; lady would suit if possessing some Pharmacy experience. Please write, stating age, salary required, and other particulars, to H. Williams, 31 Heath Street, Hampstead, N.W. 3.

LONDON, S.W.—Competent Assistant wanted; must be a good Dispenser; whole time if possible. Please state particulars of experience, when disengaged, and salary required, Amon, Chemist, 436 Streatham Common, S.W. 16.

LONDON, W.—A competent Junior (ineligible or Grade 3) for June 8th, in high-class Dispensing business, with a knowledge of Photography preferred, or lady with good Dispensing experience would be entertained. State age, reference, previous experience, and salary to H. Dixon, 1 Russell Gardens, Holland Road, Kensington, W. 14.

LONDON, W.—Wanted, a Dispenser; either sex; hours for business 8.45 to 6, Saturday 1 o'clock, no Sunday duty. Apply "W. M.," Drug Department, Junior Army and Navy Stores, Ltd., 15 Regent Street, S.W. 1.

MANCHESTER.—Unqualified Assistant Dispenser (female) wanted. Apply, giving full particulars as to age and experience, to Secretary, Aaccats Hospital, Manchester.

NORTH WALES.—Wanted, qualified Manager; unopposed Retail and Dispensing business; no heavy trade; industrial district; charming country around; three miles from Wrexham; Welsh useful, but not essential; permanency; commission; active elderly gentleman, or a lady could manage; good roomy house. Apply, with full particulars, to Rowland & Co., Chemists, Wrexham.

SEVERALLS ASYLUM, COLCHESTER.—Wanted, a qualified Dispenser (lady); salary to commence 45*s.* per week, with dinner and tea on working days. Apply (at once) to the Medical Superintendent.

SHEFFIELD.—Assistant (outdoors) required immediately for general Retail; suit lady or discharged man; no Sunday duty. Age, references, salary required, etc., to 138/30, Office of this Paper.

SOUTH OF ENGLAND.—Assistant required (male or female); free removal; permanency with good salary. Timothy White Co., Ltd., Chemists, Portsmouth.

SOUTH WALES.—Elderly qualified Assistant required for progressive business; very comfortable berth for a capable man. State age, salary required, and when at liberty, "P. D." (138/39), Office of this Paper.

VICTORIA HOSPITAL FOR SICK CHILDREN, HULL.—Lady Dispenser required at the above Hospital. Applications, stating qualifications, age, and salary required, with copies of testimonials, to be sent to the Secretary.

WEST OF ENGLAND.—Wanted, Assistant for good-class Chemist's business; short hours; no Sunday work. Apply 76/52, Office of this Paper.

WEST RIDING.—Wanted (immediately), qualified Assistant, ineligible, for general and cash business; easy hours, no Sunday work. State age and full particulars and references, 139/26, Office of this Paper.

WOKING.—Wanted, capable Assistant for Dispensing; lady or gentleman; outdoors; good-class Dispensing business; hours 9 to 7. Apply, stating salary required, etc., to A. Lloyd Davies, Chemist, Woking.

WORTHING.—Lady Assistant wanted, with Dispensing experience; outdoors; good-class business. Send particulars, with reference, to W. Aston, Pharmaceutical Chemist, Worthing.

ASSISTANT required, unqualified (lady or gentleman), for good-class Retail business. Apply, stating experience, age, wages required (outdoors), to A. B. Martin, Chemist, Loughborough.

ASSISTANT to live over shop; easy hours; house, coal, and gas found; Dispensing and Photographic business; an Apprentice kept; elderly gentleman would find this a comfortable berth; lady would be entertained who had companion to live over shop. State full particulars, photo if possible, and salary required, Walwin, Chemist, Gloucester.

ASSISTANT (either sex); Dispensing and Counter; near London; short hours, no Sunday duty; progressive salary. Apply 130/23, Office of this Paper.

ASSISTANT (qualified) required shortly for Branch; capable of taking charge; knowledge of Photography essential. Apply, giving fullest particulars first letter, to Cruse & Co., Ltd., 63 Palmerston Road, Southsea.

ASSISTANT; lady; must be a competent Dispenser. Apply, giving full particulars of experience, salary required, and when disengaged, to Mr. Reid, 2 Queen Street, Exeter.

BRANCH Manager for brisk Light Retail; country town; short hours, no Sunday duty; shut-up shop; vacancy in three weeks. Apply 80/490, Office of this Paper.

COMPETENT Assistant (lady or gentleman) for good-class country business; Midland county; hours 8.30 to 7, Thursdays 8.30 to 1, Saturdays 8.30 to 8, close one hour mid-day, no Sunday duty; salary £3 weekly. Apply 139/40, Office of this Paper.

EXPERIENCED lady Dispenser; qualified; easy position; short hours; first-class Dispensing; near London. Write 81/60, Office of this Paper.

JUNIOR Assistant wanted (lady or discharged soldier) for seaside business; Dispensing, with knowledge of Photography preferable. State age, height, references, salary required, to Holman, Ham & Co., Ltd., Market Street, Exeter.

JUNIOR Assistant (unqualified) required; lady or gentleman; good-class Light Retail and Dispensing business; time for study if desired. Apply S. W. Dawson, 56 Knight's Hill, West Norwood, S.E. 27.

JUNIOR Assistant (lady or gentleman) wanted for good Dispensing and Retail business. W. Pickard, 3 West Kensington Terrace (opposite West Kensington Station), W. 14.

LADY Assistant required in high-class Dispensing and Retail business; previous experience essential. Apply, stating salary required and with references, to Neve & Co., Proprietor: Harold E. Skyrme, 12 Wellington Place, Hastings.

LADY Dispenser; also lady Window-dresser and Counter hand. Apply H. T. Escritt, Chemist, 8 Acre Lane, Brixton, S.W. 2.

LADY Dispenser, with good experience, required for high-class West-End Pharmacy; light hours, no Sunday duty. Apply Lewis & Burrows, Ltd., 146 Holborn Bars, London, E.C. 1.

LADY Dispenser, also young lady Assistant for the Counter, in good-class business; must have satisfactory references; wages according to experience and ability; hours 8.30 to 8 p.m., 1 p.m. Wednesdays, no Sunday duty. Tamplin & Son, Kingston-on-Thames.

LADY Dispenser required; whole or part time; opportunity to gain Counter experience. Full particulars to Snowden Kirk, 6 Chrisp Street, Poplar, E. 14.

LADY Assistant wanted; Hall qualification, or experienced in Dispensing; three employed; hours 9 to 7, Saturdays 8 o'clock, Thursdays 1 o'clock, no Sunday duty; outdoors. Shields & Warren, St. Albans.

LADY Dispenser required; fully experienced, and capable of assisting in first-class Pharmacy; comfortable hours; outdoors. Full particulars to G. Peck & Son, Pharmaceutical Chemists, Cambridge.

LADY Assistant; Minor; also one unqualified; Counter and Dispensing; good-class business; South Coast town (not Southsea). Apply, with particulars and references, to "Aspirin," 92 Palmerston Road, Southsea.

LADY Pharmacist required, chiefly for Dispensing; short hours. Saturday half-day. Apply Mr. Longstaff, John Barnes & Co., Ltd., 191/217 Finchley Road, N.W.

LOCUM wanted; about June 6th to 15th; outdoors; brisk Retail and Dispensing; two other Assistants. State salary and references, H. Smart, Littlehampton.

LOCUM for first fortnight June (outdoors) for branch at Brierley Hills, Staffs. Particulars and salary required to A. S. Price & Co., Ltd., Blackheath, Birmingham.

LOCUM; last fortnight in June; Glamorgan. Terms and references in first letter, "Radix" (140/23), Office of this Paper.

MANAGER (qualified) at once; healthy Thames Valley; permanency to suitable man or woman; well up in Dispensing, Photographic, and Agricultural needs. Apply, with full particulars as to salary and experience, to Mrs. Holme, Chemist, Wallingford, Berks.

MESSRS. TIMOTHY WHITE CO., LTD., Chemists, Portsmouth, require a capable Pharmacist (male or female); easy hours; good and progressive salary, with excellent prospects; free removal.

QUALIFIED Manager (ineligible), chiefly for N.H.I. Dispensing and Retail. Give full particulars, stating salary (indoors), Eato, 57 Forest Lane, Stratford.

QUALIFIED young man, single and rejected or discharged, required immediately; permanenoy, with good prospects of advanoement. Please state age, salary required, and when at liberty, "H. L." (138/394), Office of this Paper.

QUALIFIED Manager, over military age or rejected, required for first-class business in the provinces; splendid opportunity for a capable and energetic man. "H. L." (138/395), Office of this Paper.

QUALIFIED Assistant required for Counter of first-class business. Full particulars to Nath. Smith & Co., 373 High Street, Cheltenham.

QUALIFIED Assistant (ineligible) wanted in a West-End business; outdoors. Apply by letter to S. W. Ord, 3 Hanover Street, W. 1.

QUALIFIED Assistant as Dispenser; must be experienced and energetic; free from military service. Apply, with full particulars, to Hunt & Co., Dispensing Chemists, Winchester.

QUALIFIED or unqualified Assistant wanted (either sex). Reply, with full particulars, Wade, Chemist, Stepney Street, Llanelly, S. Wales.

QUALIFIED Assistant wanted (shortly) for Dispensing; also part-time Assistant. Please give full particulars to Frank A. Rogers, 327 Oxford Street, W. 1.

REQUIRED, lady Dispenser; Minor qualifications; hours of work approximately 8.45 to 6 o'clock, 1 o'clock Saturdays, no Sunday duty. Apply, stating full particulars of past experience and salary required, to Manager, Drug Department, Army and Navy Stores, 105 Victoria Street, S.W. 1.

SMART young lady required until end of July; used to Chemist's business; state salary required (outdoors), etc. Apply Margaret W. Watson, Central Pharmacy, Cleator Moor, Cumberland.

SURGICAL INSTRUMENT BUSINESS.—Assistant for Shop Counter; state age, other duties accustomed to, and wages expected. Reply "Surgical," Lee & Nightingale, Liverpool.

UNDER-WAREHOUSEMAN, with thorough knowledge of Drug trade essential; preference given to one with previous experience; good opportunity for capable man. Apply 81/61, Office of this Paper.

WANTED, lady Assistant, Minor qualification, principally for Dispensing work, with knowledge of usual shop business. State experience and salary required, Johnson, Chemist, Old Market Place, Grimsby.

WANTED, for the Belmont (Prisoners of War) Hospital, Belmont, Sutton, Surrey, a fully-qualified lady Dispenser to take charge of Dispensary on 1st June; salary 39s. per week, with dinner and tea daily and overalls. Apply in writing, stating qualifications, to E. J. Mott, Clerk to the Guardians, 129 Fulham Palace Road, W. 6.

WANTED, a reliable Assistant (outdoors) in good-class Light Retail and Dispensing business. Apply, with particulars, to R. O. Davenport, Bromley Hill Pharmacy, Bromley, Kent.

WANTED, a competent Assistant; unqualified; permanency; accustomed to good-class Retail and Dispensing, with Photographics. Apply Evans, Chemist, Margate.

WANTED, Dispenser Clerk; shorthand, typewriting, and bookkeeping essential; male or female. State salary required to the Medical Superintendent, Cambridgeshire Tuberculosis Colony, Papworth Hall, Cambridgeshire.

WANTED, a qualified Assistant, competent and energetic, for a good-class country business; good salary and commission, with the option of succession on favourable terms. Reply to "Nero" (138/3), Office of this Paper.

WANTED, Locum; the end of May or beginning of June. State age, salary required (outdoors), and give references, 137/37, Office of this Paper.

WANTED, Assistant; lady or gent.; opportuuity to get good experience; duties, Stock, making Galenicals, assist Dispensing. Apply, with full particulars, references, and salary expected, to Goodess, Pharmacist, 25 Market Street, Leicester.

WANTED, lady Assistant for Counter; also lady Assistant for Dispensing; also gentleman, qualified or unqualified, ineligible. T. A. Harrison, Pharmaceutical Chemist, Goodmayes, Ilford.

WANTED for a few weeks, a lady Assistant to assist at Counter. Write, stating experience and salary required, to Leverett & Frye, Ltd., Drug Department, North Finchley, N. 12.

WANTED, a lady Dispenser for a City Stores. Apply, stating age, experience, and salary required, to the Staff Superintendent, Civil Service Supply Association, Ltd., 136 Queen Victoria Street, London, E.C. 4.

WANTED, an Assistant for a good mixed country business. Full particulars as to age, salary (outdoors), past experience, references, etc., to Joseph Blower, Knighton, Radnorshire.

WELL-EDUCATED young lady Dispenser (experienced) for good middle-class business, to assist at Counter when required; hours 8.30 to 6.30, Saturdays 8, no Sunday duty, Thursdays half-holiday. State experience, salary required, give references, and full particulars in first letter, to A. Middleton & Son, Lister Gate, Nottingham.

YOUNG lady wanted (immediately) for good-class business near Birmingham; must have Hall certificate, and be willing to assist at Counter as well as Dispense. Send particulars as to age, salary required, and copies of testimonials, to P. G. Richardson, Chemist, Dudley.

YOUNG lady Dispenser, with Counter experience, required for Cricklewood district; must have Apothecaries' Hall qualifications. Apply, personally or by letter, to Parke's Drug Stores, Ltd., 64 Harmood Street, N.W. 1.

WHOLESALE.

DEVON.—Wanted, reliable unqualified Assistant, capable of taking charge of Drug and Dispensing department; no Sunday duty; very convenient house provided; permanency. Stephens & Graham, Ltd., Plympton, near Plymouth.

CHIEF Bookkeeper for offices of Wholesale Druggists, located northern county (Assistants now mainly female); must be thoroughly experienced; no application considered without copy of references and salary expected. Apply 140/311, Office of this Paper.

COMPRESSED Tablet Machinist wanted. State experience to W. B. Cartwright, Ltd., Rawdon, near Leeds.

COUNTER Hands and Checkers required by London Wholesale house. Apply "H. F. K." (77/68), Office of this Paper.

HOUGH, HOSEASON & CO., LTD., 2 Bridge Street, Manchester, invite applications from persons with good experience of the Drug trade, for the Offices and Wholesale Counters; also hands in various departments of their works. Apply, with full particulars, references, wage, or salary required, to the Managing Director.

INVOICE Clerk (male or female) wanted at once; must have had experience in the Wholesale; state wages and experience. Apply 139/140, Office of this Paper.

LABORATORY Assistant, male or female, fully trained, some knowledge of Chemistry essential, required for large Pathological and Bacteriological Laboratory in London; salary £3 per week. State age and give full particulars of experience, by letter, to "L. A.," Box 778, Benson's, Atlantic House, Holborn Viaduct, E.C. 1.

LADY required, with Minor qualification, to take charge of Poison Room. Apply, giving particulars as to experience, etc., to Southall Bros. & Barclay, Ltd., Birmingham.

PATENT MEDICINE DEPARTMENT.—Capable Manager wanted for provincial house. State age, experience, and salary required, 77/43, Office of this Paper.

PROVINCIAL Manufacturing Chemists (protected) wish to meet with gentleman, preferably over military age, with sound knowledge of Drug trade; able to control clerical, and if need be general staff. References and salary to 140/31, Office of this Paper.

REPRESENTATIVES wanted, calling on Chemists all over the Midlands, and also for London north of the river; desirable lines for female Travellers. Write, with full particulars of experience and commission required, to 81/11, Office of this Paper.

WANTED for Chemical department of Import and Export firm, an intelligent and capable Shorthand Typist (exempt from military service), conversant with the trade, as Assistant to the Manager. Applications, stating age, references, and salary required, to be addressed to "Z. B.," c/o J. W. Vickers & Co., Ltd., 5 Nicholas Lane, E.C. 4.

WANTED, Working Foreman for Packing department; able to make B.P. Ointments, etc.; ineligible. Apply Cranford, Beddington Corner, Mitcham.

WANTED (at once) by London Wholesale firm, Drug Checker (male or female); also Wet Counter hand; permanent positions. Apply 139/14, Office of this Paper.

WANTED, Export Manager, with knowledge of Drugs and Chemicals; also Colours if possible; state experience. Address "Drugs" (80/40), Office of this Paper.

WANTED for Laboratory of a large food factory, a lady Assistant to undertake general analysis of commercial products, and willing to assist in research or other work required in Laboratory. Apply, giving previous experience, details of training, salary required, etc., "Cam" (70/71), Office of this Paper.

WANTED (at once) by London Wholesale house, Laboratory Assistants; also "Dry Counter" hands and girls for filling and finishing Wets and Drys. Apply, stating age, previous engagements, and salary required to "Galenicals" (81/29), Office of this Paper.

WHOLESALE Druggists (Lancashire) require experienced hands for Grinding, Tablet, Tinoture departments, Glass Packers, also Assistants for Drug Counters; references and wages required essential. Apply 140/310, Office of this Paper.

SITUATIONS OPEN.

(Colonial, Indian and Foreign.)

3s. 6d. for 50 words or less; 6d. for every 10 words or less beyond, prepaid. The Advertiser may, if preferred, have replies addressed to this Office, and forwarded on payment of an additional charge of 6d.

SINGAPORE.—Wanted (immediately), qualified Assistant; young; single; ineligible Army; three years' engagement; monthly salary of $250, $275, and $300; passage paid out and home. Full particulars from Downie, 187 Gairbraid Street, Glasgow.

SITUATIONS WANTED.

1s. for 12 words or less; 6d. for every 10 words or less beyond, prepaid.

[HOME.]

RETAIL.

A POST required in London; Hospital or Dispensary preferred; temporary work not objected to; disengaged now; Hall certificate; experienced; excellent testimonials. Reply "W." (138/20), Office of this Paper.

"GOOD SERVICE FOR GOOD SALARY."

ADVERTISER, over military age, unregistered, but "up to date," will require Berth in about a month; Photo, Dispensing, quick trade, or ordinary; can control staff; salary, minimum 65s. weekly. Apply 137/32, Office of this Paper.

AS Assistant; unqualified; married; Grade 3; South Coast; good worker; splendid references; permanency; disengaged. 49 Kingsland Road, Broadwater, Worthing.

AS Manager or otherwise of light business by elderly M.P.S.; varied experience in London and provinces; active, methodical habits. Guest, Church Street, Hornchurch.

ASSISTANT; 29; married; discharged; good Dispensing and Counter experience; free June 1st; London preferred. State salary and hours, "Callidus" (138/15), Office of this Paper.

ASSISTANT, disengaged, 53, desires situation in a good-class Dispensing firm; West-End experience. S. Clarke, 39 St. Stephen's Square, Norwich.

ASSISTANT or Locum; experienced and reliable Branch Manager; unqualified; exempt; good references. Apply 139/33, Office of this Paper.

ASSISTANT; 24; Grade 3; good-class experience; Dispensing, Counter, and Photography; state salary offered, hours, and number of staff kept; permanency. Apply 139/34, Office of this Paper.

ASSISTANT; 20; unqualified; discharged; tall, smart, well-experienced, and reliable; excellent references. Please give full particulars, "Axungia" (140/35), Office of this Paper.

BRANCH Manager disengaged; unqualified; wages based on takings or profits; hard worker; Grade 3; married; South Coast. 49 Kingsland Road, Broadwater, Worthing.

BRANCH Manager, qualified, ineligible, experienced, or is at present open for Locum work. "Pharmacist" (134/28), Office of this Paper.

CHEMIST, qualified, requires position as Manager, Dispenser, or Assistant with gentleman in good-class business, or would take charge for another being called up; London or country; over military age. Smith, 9 Bexhill Road, Crofton Park, London, S.E. 4.

CURTIS, "Lockerbie," Royal Crescent, Bridlington, is now discharged from H.M. Army, and requires situation; Dispensing, Prescribing, good Salesman; punctual, willing; references.

DAILY; free 9 a.m. to 4 p.m.; Dispensing Counter, Stock, Window-dressing; South London preferred. Apply 139/16, Office of this Paper.

DISENGAGED; thoroughly competent Dispenser, Manager, or Assistant; West-end experience; ineligible; locum or permanency; London or suburbs. "B.," 80 Rosebank Avenue, Sudbury Hill, near Harrow.

DISPENSER; qualified; 49; active; excellent references; tall; South Coast preferred, but not essential; disengaged. Apply 136/27, Office of this Paper.

JUNIOR, 19½, discharged, four years' experience, desires change; Lancashire preferably. Please state hours and salary to "Prelim.," c/o 14 Epworth Terrace, Darwen.

LADY Assistant (Hall) requires part-time post with Chemist or Doctor; S.W. district. Apply 139/18, Office of this Paper.

LADY Dispenser (20) desires post with Chemist for May and June; London, N.W. "Theobroma" (137/16), Office of this Paper.

LADY Dispenser (Hall); Locum, Doctor, or Institution; experienced; good references; now disengaged till end of June. Apply 140/10, Office of this Paper.

LOCUM (terms 63s. and fare) or permanency; disengaged; competent all round; highest references; unqualified. "C.," 31 Rylstone Road, Eastbourne.

LOCUM or permanency; competent all branches; 41½ years; married; unregistered; highest references; N.H.I. qualification; conditional exemption, Grade 3; booking forward; from June 8th. "Statim," 135 Queen Street, Newton Heath, Manchester.

LOCUM; qualified; elderly; Lancashire district preferred; disengaged May 31st. Address 140/18, Office of this Paper.

LOCUM TENENS; disengaged May 27; middle-aged; well recommended; unqualified. Please send particulars, "L. T.," 51 Herbert Street, Aberdare, S. Wales.

MALE Dispenser; ineligible; Doctor or otherwise; some Counter experience; South Kensington or Chelsea district. Colegrave, 28 Chelsea Park Gardens, S.W. 3.

MANAGER; qualified; experienced; Grade 3; exempt; Birmingham district preferred. Apply 140/17, Office of this Paper.

N.H.I. DISPENSING; general assistance; disengaged after 4 p.m.; next week Tuesday, Wednesday, Friday open; short journey Waterloo, Victoria not minded if fare considered; age 51; all-round experience. "R.," 10 Foreign Street, Camberwell, S.E. 5.

PART-TIME; qualified; evenings 7 p.m., Saturdays 4, and Sundays; near Liverpool Street or Tubes. Apply 138/38, Office of this Paper.

QUALIFIED; over military age; first-class experience; will take "locum." "Borax" (139/15), Office of this Paper.

QUALIFIED Chemist, exempt, Grade 3, requires Managership of small Branch, or one with short hours; good address and experience; abstainer; moderate salary. Apply 139/22, Office of this Paper.

QUALIFIED Pharmacist, having disposed of his own business, will manage without or with option of purchase after the war; exceptional all-round experience in best-class city, seaside, and good-class country town businesses; Optical, etc. Address "Southern" (138/8), Office of this Paper.

QUALIFIED; well educated; adaptable; good experience and references; Manager or Senior in first-class West-End Dispensing establishment (or Wholesale); in- or outdoor. Please state hours, salary, etc., "Discharged" (133/37), Office of this Paper.

QUALIFIED; 25; Grade 3; good Dispensing and Counter experience; disengaged June; Cheshire or Staffordshire preferred. Collis, The Pharmacy, Grassendale, Liverpool.

QUALIFIED, elderly, permanent position as Manager; all-round experience; energetic, reliable; Midlands preferred; house attached an advantage. Address "B.," 4 St. Mary's Street, Wolverhampton.

QUALIFIED Manager; 34; married; Grade 3; good-class business, with view to succession preferred. Apply 140/22, Office of this Paper.

RELIABLE Pharmacist seeks position; experienced, accurate Dispenser; married. "L." (139/39), Office of this Paper.

TWO lady Dispensers (Hall) desire post, together or apart; Manchester district; locum or permanent. Humphreys, 24 Station Road, Cheadle, Hulme, Stockport.

UNQUALIFIED; Grade 3; Branch management; well experienced Surgical Dispensing, Optics, Window-dressing, and Counter; successful Manager; greatly increased returns; South Coast preferred. Apply "Medinol" (137/40), Office of this Paper.

WHOLESALE or Retail; unqualified; 28; Grade 3; excellent references; well recommended. Particulars, wages, etc., to Goodacre, North Street, March.

WHOLESALE.

ADVERTISER, life experience Wholesale and Allied, seeks position; capable Manager, or would represent; young; ineligible. "T." (140/4), Office of this Paper.

AN eligible man (46), adaptable, with ideas, desires position with first-class firm; many years' experienced Traveller and Manager handling Specialities, Proprietaries, and Sundries in town and provinces; anywhere, but Home Counties preferred; salary £4. Hannay, 74 Merlin Square, Abbots Langley.

CHEMIST, just disposed of business, seeks position as Representative to Wholesale firm; highest references; well-known in S.W. England. Apply 139/19, Office of this Paper.

GENTLEMAN, with excellent connection, London and suburbs, desires to represent first-class house in any branch where reliable man is required. Apply 139/13, Office of this Paper.

MISCELLANEOUS.

SACCHARIN Powder, 550 guaranteed, 20 lb., 410*s.*; also Tablets, ½ gr. in 1 (330), from 1 to 20 lb., 150*s.*; ⅓ gr. in 1 (330), from 1 to 20 lb., 115*s.* per lb. C.W.O. Henning, Larne.

19 1 lb. bottles original Bayer's Aspirin; Prize Court goods. What offers? Lyon, 1 Crutched Friars, E.C.

FLOWERS OF SULPHUR, about 7 cwt., 7 lb., 3*s.* 6*d.*; 14 lb., 6*s.* 6*d.*; 28 lb., 12*s.* 6*d.*; 56 lb., 24*s.* 6*d.*; 112 lb., 48*s.*; carriage paid, passenger. Cunliffe, Southport.

SHOWCASES AND SHOP FITTINGS.—Several fine Silent Salesman Showcases and Counters; quantity of useful Shop Fittings; low prices. Write inquiries, Philip Josephs & Sons, Ltd., 93 Old Street, London, E.C. 1.

SECOND-HAND CHEMISTS' FITTINGS.—We have an exceptionally fine selection of these in all sizes; prices are right, and goods are in first-class condition; we shall be pleased to supply particulars and prices. Call or write, RUDDUCK & CO., 262 Old Street, London, E.C.

PERFUMERS! SHORTAGE OF LABOUR

Advertisers are prepared to undertake the blending of Shampoo, Tooth, and other Toilet Powders, in large or small quantities at lowest possible rates. Good workmanship and prompt delivery. Ingredients supplied if desired at lowest market prices. Write, stating requirements—

MARTIN & CO., 71 City Road, Finsbury, **London, E.C.1**

Developing Printing Enlarging

PRICES FREE. PROMPTNESS.

Wanted—all kinds of Folding Cameras, plate or film. Cash on receipt.

MARTIN, Chemist, SOUTHAMPTON.

FLOWER AND VEGETABLE SEEDS.

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PENNY PACKETS, per gross, **7s.**; 5 gross @ **6s. 9d.**; 10 gross @ **6s. 6d.**; 25 gross @ **6s. 3d.** Net, Carriage Paid. Assorted as desired. List of Varieties on Application.

Special Low Quotations for Bulk.

A. S. PRICE & CO., Ld., Blackheath, Birmingham

"HOLMIER" SACCHARIN TABLETS.

COMPOUND.

We are oversold, and to complete the orders in hand must regretfully decline any new ones

UNTIL WE RENEW OUR PRICE LIST IN THIS SPACE.

We will do our best to quickly clear orders in hand.

MEYER, Manufacturing Chemists, Gravelly Hill, BIRMINGHAM.

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Films developed and printed by experts and promptly returned. Pre-War Prices. Liberal discount. Terms on application. Trial solicited.

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CORKS Finest quality tapered. Few thousand gross, 1/6 per gross delivered. Large quantities Small Composition Corks, $\frac{7}{16}$" diameter, **4d.** per gross. Few hundred gross 5-oz. Coffee Essence Bottles, **22/-** per gross.

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THE GOLD MEDAL FRUIT DRINK.

Quick Seller. Big Profits. Over 40 Years' Reputation.

"ABDINE" is the most popular Health Drink. Superior to all Mineral Waters. Sold in Packets, 1½d. each; Boxes of 13 Packets, 1/6.

Wholesale Prices on application. Sample Box 1/6.

D. M'GLASHAN, M.P.S., Abdine Works, Westfield Road, EDINBURGH.

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One halfpenny per word with name and address. One penny per word if we register the address and attach a number.

No advertisement inserted for less than 6*d.*

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1 14-lb. and 1 25-lb. Copper Oil Lemon; super. quality; 4*s.* 6*d.* lb., carriage paid. Whysall & Son, Grantham.

1 DOZEN 1*s.* 4*d.* Chymol, ½ dozen 2*s.* 10*d.* Chymol; carriage paid, 17*s.* 6*d.* Briggs, Chemist, 126 Hoe Street, Walthamstow.

1 LB. Tinct. Sumbul, 1¼ lb. Tinct. Tolu, ½ lb. Tinct. Cimicifugæ, 1¼ lb. Liq. Ferri Pernit, all B.P. 1898; 3 doz. 2*s.* 6*d.* Durham Duplex Safety Razors; any reasonable offer accepted; carriage paid. Liston, Chemist, Limerick.

POT. Bromid., 2 lb., 22*s.*; Sodii Salicyl, 3 lb., 25*s.*; Phenazon, 8 oz., 29*s.*; Phenacetin, 8 oz., 17*s.* 6*d.*; 1,000 Tab. Calomel gr. v., P. D. & Co., 15*s.*; ditto Quin. Sulph. gr. v., 70*s.*; ditto Cascara Sagrada, gr. v., choc. coated, 18*s.* 6*d.*, post free; 1 lb. P.D. Ext. Ipecac. Liq., 30*s.* Forryan, 40 Duncan Road, Leicester.

MISCELLANEOUS.

OFFERED, 3 dozen Folding Nail Scissors, 28s. 6d. dozen. Vincent, 460 Holloway Road, N.

FOR Sale, two Lethal Boxes for Cats, and one for Dogs. 8 Ducie Avenue, Ducie Grove, Oxford Road, Manchester.

PILL Rounds for Sale, cheap, Niblett's patent, or would exchange for Pill Couter. "R.," c/o 30 St. Peter's Avenue, Cleethorpes.

WHAT Offers? About three gross 6d. Judson's Hat Dyes; assorted colours. Hall Forster & Co., Ltd., Elswick Court, Newcastle-on-Tyne.

FIRST Offer. 4 lb. Pot. Perman., Sanger's Counter Scales, 2 lb. nearly new; two dozen Shop Round Bottles. Treacher's Drug Stores, Gillingham, Kent.

SILENT Salesman: 4 glass shelves, mirror back, bent sides, height 4 ft. 6 in., width 3 ft. 3 in., depth 1 ft. Beck, 60 High Street, Stoke Newington, N. 16.

WANTED.

TABLET Machines wanted. Particulars to Bleasdale, Ltd., York.

SLOAN'S Liniment. State size, quantity, price, 138/2, Office of this Paper.

UREA.—Wanted, one ton. What offers? Apply 130/33, Office of this Paper.

TABLET Machinery, new or second-hand, wanted. Particulars to 61/54, Office of this Paper

MAG. Carb. Pond., B.P., wanted. State quantity offered and price, W. B. Cartwright, Ltd., Rawdon, near Leeds.

TINS or Containers, suitable for packing 1 lb. Malt Extract. Sample and price to 78/26, Office of this Paper.

50 GROSS Cardboard Boxes or Cartons for Shaving Sticks. Sample and price to Claughtons, Quebec Street, Leeds.

TABLET Machine wanted for ⅜ inch tablets if possible; "Eureka"; state price. Apply 78/46. Office of this Paper.

A MICROSCOPE, with oil immersion lens; Zeitz or other good make. Particulars to Evans, Chemist, Margate.

ALKANET Root; large or small quantities required. Write, quoting price Walpole, 22 Dorset Street, London, W. 1.

SACCHARINE Tablets, 1,000,000 wanted for cash on receipt of *pro forma*. Apply 139/27, Office of this Paper.

APRONS for use with Kodak Transfer Box; new or second-hand. State size, number, and condition, Russell, Chemist, Windsor.

BIG prices paid for Stobie's or Colton Tablet Machines; Pill Machinery also wanted. Particulars to 78/58, Office of this Paper.

TOILET Rolls, "Bronco" or similar quality; Glycerine; finest Italian Castor Oil. Lowest price to Moorhouse, Pharmacist, Barnsley.

WANTED for cash, Cameras, Plates, Papers, and Photo Sundries. Particulars and lowest price to Wilson's, Photo Chemists, Wigan.

WANTED, Radium Salt, pure or Residues, old Applicators, etc. Apply Harrison Glew, Radium Laboratories, 156 Clapham Road, S.W. 9.

OPTICAL books, Minor, Major, Chemists' books; send prepaid for valuation, cash offers per return. Gower, Bookseller, 41 Voltaire Road, Clapham, S.W.

JOB line Tins wanted, suitable for Boot Polish, etc. We are also buyers of Tin Plates, printed or plain. Also Cartons for same. "Brytenup" Polish Works, Marsh Lane, Preston.

SPECTACLE Lenses, Gold-filled Spectacle and Eyeglass Frames, in any quantity. Particulars and prices to Bishop & Vincent, 460 Holloway Road, N. 7.

OPTICAL Trial Case wanted; lenses mounted, and with handles preferred; good condition. Also Ophthalmoscope; good make. Apply 141/12, Office of this Paper.

CAMERAS, new or second-hand; Roll Films; Plates; Developing Tanks, and all kinds of Photographic Sundries. Particulars and prices to Bishop & Vincent, 460 Holloway Road, N. 7.

1s. 2d. offered for Kodak V.P.K. and No. 2 Brownie Film; 10d. for Kodak No. 1 Brownie Films; No. 2 Brownie 2½ in. and 3¼ in. Developing Tanks wanted. Hall, Chemist, Blackpool.

SACCHARINE: 550 strength; insoluble in any quantity from 2 to 200 lb. lots, for cash, with guarantee as to quality; references given if reqnired. Apply 136/31, Office of this Paper.

£12 each offered for Eureka and £30 for B2 Tablet Machines if in good condition. Please give full particulars to 140/34, Office of this Paper.

WANTED by Manufacturing Chemist, Ointment Mill, Emulsifier, Edge Runner, and Still. State full particulars, with prices, to 139/31, Office of this Paper.

SPECTACLE Lenses, Glazed Spectacles, any kind; Gold-filled Spectacle and Eye-glass Frames, Artificial Eyes and Barometers. State quantity, condition, price, etc., Hebditch, "Parkholme," Christchurch Road, Doncaster.

KODAK FILMS

WANTED BY

WATSONS, SHEFFIELD

All sizes, full wholesale price allowed for No. 2 Brownie, Vest Pocket Kodak, and No. 1 Brownie Spools.

Also Spools for Ensignette and Ticka Cameras, Film Packs all sizes, and Ensign or Wellington Films.

We will buy out-of-date films if not too old.

Don't keep anything photographic on your shelves.

If the area you live in is restricted, or your business quiet, pack all your photographic goods off to us. We'll buy them and see that you are not the loser.

Wanted CAMERAS of all kinds. Two-thirds retail offered for **Vest Pocket Kodaks** with R.R., or better, lenses, **Watch Pocket Carbines, No. 2 Folding Brownies, No. 1 Junior Kodaks** with R.R., or better, lenses, **Brownie and 3½-inch Developing Tanks.**

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"Many thanks for postal order to hand yesterday. I must say that you have been most courteous and straightforward over this matter. Indeed, I cannot conceive of a firm being more straightforward than yourselves." H. H. E.

HOLLOWAY, N.

"I am in receipt of your letter and cheque, value £5, in payment for camera; and I am greatly obliged by the prompt and liberal treatment I have received in the matter." C. W.

WATSONS', The Camera House,

84 High Street, Sheffield.

Telephone No. 27.

P.A.T.A. NOTICE.

During the continuance of the war the P.A.T.A. will, in addition to making monthly announcements as hitherto, publish weekly the revised prices of any P.A.T.A. articles which it is important the Trade should know without delay. The prices announced below will come in force as from the date of this issue :—

Size or Advertised Price.		Minimum Retail Price.	Minimum Wholesale Price.
10½d.	**Daisy Powders** (boxes 10) ...	10½d.	8/6 8/1 7/7
1/6	„ „ (boxes 20) ...	1/6	15/- 14/3 13/6
4/6	„ „ New (boxes 60) Equivalent 3 1/3 boxes.	4/6	
1/3 Tin	„ Tablets	1/3	12/10 12/4 12/-
3/-	**Ecsolent Soap** (3 tab.) ... 6 doz. price discontinued.	3/-	28/-
	Grossmith's Perfumes :—		
	Phul-Nana, Shem-el-Nessim, Hasu-no-Hana, Wana-Ranee, English Rose, English Violet, Florodora ...	3/9 7/6 13/3 ½ pint 21/- 1 pint 40/-	33/3 61/10 115/4 15/-each 28/7 „
	Piver's Perfumes :—		
	Le Trefle, Incarnat, Pompeia, Floramye, Azurea, etc.... ¼ lit.	6/3 9/3 16/- 24/-	50/- 75/- 128/- 192/-
	½ „	43/3	346/-
	1 „	82/6	661/-
10d.	**Woolley's** Boval Cream Soap	10d. tab. 9/9 1 doz. tabs.	7/6
2/6	„ „ „ „ „ (3 tab. box)	2/6	22/6 doz. bxs.
1/-	**Dr. Thompson's** Dandelion Coffee	1/-	9/6
2/-	„ „ „	2/-	18/6
4/-	„ „ „	4/-	36/-

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Sugar Substitute for Jam Making, &c.

CHEMIST, ATTENTION !

1 oz. of Shugow equals 1 lb. of Sugar, about 16 times sweeter than Sugar. One pinch sweetens cup of tea, &c.

SHUGOW

Good for CAKES, PUDDINGS, ICE CREAM, PASTRY, JAM, &c.

One teaspoonful equals 2 oz. of Sugar. **8d.** a packet. Try one, you will be delighted. Sells like hot cakes ! 3 doz. **22/-**, 6 doz. **42/-**, 1 gross **£4**. Cash with order. Carriage paid.

Saccharin Tablets (½ gr. in 1) **£7 10 0 per lb.**

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Price of Saccharin Tablets can be had on application.

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Compare quality, as well as price, before ordering. We can save you about 30 %

WHITE ABSORBENT COTTON WOOL (interleaved) in 1 lb. rolls at 2/1½ per lb. ; 5 cwt. at 2/1.

WHITE LINT, in 1 lb. rolls ... ... at 3/9 per lb.

BORACIC LINT, in 1 lb. rolls ... ... at 2/8 per lb.

Packed in 1 cwt. bales. Bales charged extra 3/6 each.

Also supplied in 56 lb. bales of each at 2/2, 3/9½, 2/8½ respectively.

„ „ „ 28 lb. bales of each at 2/2½, 3/10, 2/9 respectively.

Bales must be paid for, and allowed when returned.

The PRIMO DRUG CO., 5 Bury New Road, Manchester

DISPENSING BOTTLES & PHIALS.

CLEAR BLUE TINTED, plain or graduated.
4 and 6 ounce. 6 and 8 ounce.
12 ounce.
WHITE PHIALS, plain or teaspoons,
½ ounce. 1½ ounce.
1 „ 2 „

Lowest Market Prices Charged.

BLUE LOTION BOTTLES, all sizes.

CORKS. Superior Quality. No advance in price.
6 and 8 ounce ... ... 1s. per gross, in 6 gross bags.
Vials ... ... 10d. per gross, in 3 gross bags.

Delivered free within 7 miles, and to certain stations. Particulars on application.

I. ISAACS & CO., Glass Bottle Manufacturers,
106 Midland Road, St. Pancras, London, N.W. 1,
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New Inn Yard, Tottenham Court Road, London, W. 1.
Orders sent to either establishment have attention.
Established 100 Years.
Bankers: London County and Westminster Bank, Bloomsbury Branch.

COTTON WOOL is CHEAPER

1 lb. Rolls, White, Absorbent, Interleaved.
56 lb. @ 2/2 per lb., 1 cwt. @ 2/1½, 5 cwt. @ 2/1.
Carriage paid, *Cash with Order.* Wrappers charged 3/6 per cwt., and returnable. Sample for stamp.

J. MILLS, Chemist, Platt Bridge, WIGAN.

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to be made in the Photographic Department of your business, but the Developing, &c., must be **WELL** and **QUICKLY** done. We are experts, and return all work promptly. We pay return postage on all orders of 2/- or over. Send for our list and give us a trial.

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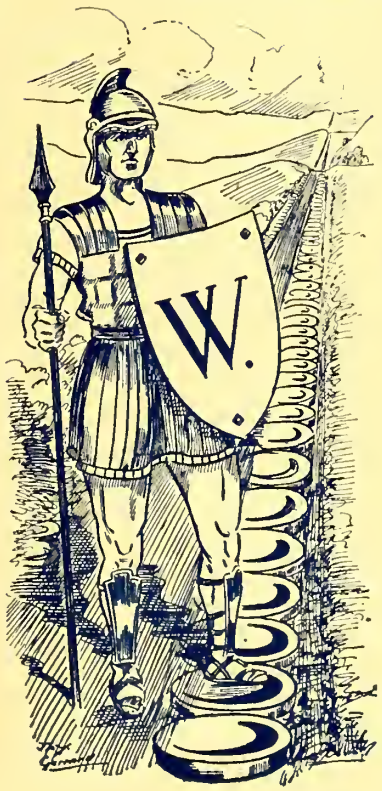
Two Great Ways:
Via Romanorum and the



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THE PROGRESSIVE WAY.

OLD Rome's power was pushed out all over the world on the Romans' famous roads. Progress became easier and surer than had ever been known. Every Roman road was an easy way from the heart of the Empire into new and undeveloped territory.

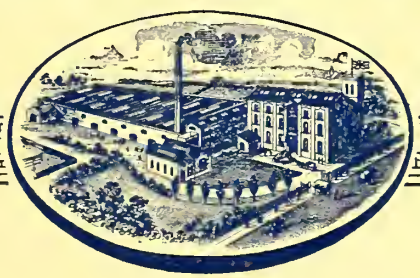
Retailers Progress on the Wigglesworth Way.

Simple, strong publicity in the retailer's window pushes the goods, making new customers day after day. Hand-painted window bills and showcards take the work out of selling. Turnover mounts rapidly—overhead charges remain stationary.

If you are not one of the 2,500 Pharmacists who are enthusiastic supporters of the Wigglesworth Way, write for particulars immediately to

WIGGLESWORTH LTD.

Westhoughton, Lancashire.



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WILLIAM RANSOM & SON, LTD.,
MANUFACTURING PHARMACEUTICAL CHEMISTS.
Distillers of Essential Oils and Cultivators of Medicinal Plants.
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